Phys. sp!
50
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Phys/sp.

50 bp

4°

Caswell

SMITHSONIAN CONTRIBUTIONS TO KNOWLEDGE.

METEOROLOGICAL OBSERVATIONS

MADE AT

PROVIDENCE, R. I.

EXTENDING OVER A PERIOD OF TWENTY-EIGHT YEARS AND A HALF,
FROM DECEMBER 1831 TO MAY 1860.

BY

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[ACCEPTED FOR PUBLICATION, AUGUST, 1859.]

BIBLIOTHECA
REGIA
MONACENSIS

ERRATA.

Year	1831,	page	1,	December,	Amount of rain	*for*	blank	*read* 1.95 in.
"	1832,	"	1,	February,	Mean temp. 1 P. M.	"	34°.2	" 32°.4
"	1832,	"	4,	December,	Extreme range temp.	"	48°	" 40°
"	1834,	"	9,	Sept. 5,	Daily mean thermometer	"	73°.3	" 73°.5
"	1834,	"	10,	December,	Barom. mean of month	"	30.993	" 30.093
"	1835,	"	12,	April,	Mean temp. of month	"	41°.1	" 42°.5
"	1835,	"	12,	May,	Mean temp. of month	"	54°.9	" 54°.5
"	1835,	"	13,	June,	Extreme range temp.	"	30°	" 35°
"	1835,	"	15,	October 10,	Daily mean thermometer	"	47°.3	" 49°.3
"	1837,	"	23,	March,	Max. temp. 1 P. M.	"	49°	" 51°
"	1837,	"	26,	August,	Extreme range temp.	"	35°	" 37°
"	1837,	"	26,	September,	Mean temp. for month	"	58°.5	" 58°.1
"	1837,	"	26,	September,	Extreme range temp.	"	42°	" 43°
"	1838,	"	32,	September,	Mean temp. of month	"	61°.4	" 62°.0
"	1839,	"	35,	February,	Barom. mean of month	"	29.390	" 30.043
"	1839,	"	37,	June,	Extreme range temp.	"	36°	" 38°
"	1840,	"	40,	January,	Max. temp. 1 P. M.	"	38°	" 40°
"	1840,	"	43,	June,	Mean temp. of month	"	66°.3	" 66°.6
"	1841,	"	49,	July,	Mean temp. of month	"	70°.0	" 70°.3
"	1841,	"	51,	October,	Extreme range temp.	"	31°	" 42°
"	1842,	"	58,	December,	Barom. mean of month	"	20.980	" 29.980
"	1843,	"	62,	September,	Barom. mean of month	"	20.977	" 29.977
"	1844,	"	64,	January,	Extreme range temp.	"	45°	" 47°
"	1844,	"	66,	April,	Mean temp. 1 P. M.	"	60°.1	" 60°.9
"	1844,	"	67,	July,	Extreme range temp.	"	26°	" 28°
"	1844,	"	69,	October,	Mean temp. of month	"	49°.8	" 50°.0
"	1845,	"	70,	January,	Mean temp. 10 P. M.	"	30°.7	" 29°.0
"	1845,	"	70,	January,	Mean temp. 1 P. M.	"	34°.4	" 34°.7
"	1847,	"	83,	February,	Max. temp. 1 P. M.	"	57°	" 51°
"	1849,	"	99,	October,	Barom. mean at sunrise	"	25.97	" 29.97
"	1853,	"	119,	March,	Red. barom. mean 1 P. M.	"	99.80	" 29.80
"	1853,	"	121,	June,	Red. barom. mean of month	"	35.027	" 30.027
"	1854,	"	129,	October,	Red. barom. mean of month	"	30.030	" 30.090
"	1857,	"	145,	July,	Extreme range temp.	"	35°.0	" 39°.0
"	1857,	"	146,	August,	Extreme range temp.	"	31°.0	" 32°.0

PREFACE.

In presenting the following Meteorological Observations to the public, it is proper to offer a few words of explanation.

They were commenced in December, 1831, with the hope that a careful record of the changes in the weather might be of use to myself and possibly to others in after years. As month after month passed, I found myself gradually extending my range of observation, and daily incorporating in my register a greater and greater number of phenomena. And I at length came to embrace nearly all the points which I supposed would be of special use in future meteorological researches. It was my practice for several years to publish in one of the papers of this city abstracts from my register, giving such general information as was most interesting to the public. In the American Almanac of 1850 I published summaries of the monthly mean height of the barometer, of the monthly and annual mean temperatures, and the monthly and annual quantity of rain, &c. These summaries extended from 1832 to 1848, inclusive. Similar ones have been continued in the same work to the present time.

Dr. Henry, the Secretary of the Smithsonian Institution, learning that my register extended without interruption over a period of nearly thirty years, was favorably impressed with the service which its publication might render to the progress of meteorological science, rightly judging that so long a series of observations made at the same place under the same general circumstances, and by the same person, would have a value in developing the laws of atmospheric changes which would not otherwise belong to them. The subject of their publication having been fully considered, it was determined to place them among the *Smithsonian Contributions to Knowledge.*

For the information of meteorologists who may wish to know the position of my place of observation, and the character of the instruments which I have used, I may state that my residence, where the instruments have been used, is on College Hill, a few hundred feet north of University Hall, Providence, at an elevation of a little more than a hundred and fifty feet above tide-water in the river. The geographical position of University Hall, as fixed by the determinations of the coast survey, is lat. 41° 50′ 17″ N., long. 71° 23′ 20″ W. from Greenwich.

The barometer used from the commencement of the register till May, 1847, was constructed with a flexible leather bottom. It was a good one of its kind, and gave average results which are probably reliable. In respect to the barometric range and the absolute heights it was probably less accurate than for mean results.

In May of 1847, I procured an open cistern barometer, made by Mr. William H. Temple, of Boston, with a micrometer screw for the adjustment of the surface of the mercury in the cup to an ivory point. It was similar to others which he had constructed for the use of the coast survey. The Vernier is moved by rack-work, and reads to the *one-hundredth of an inch.* The interior diameter of the tube is very nearly *three-tenths of an inch.* In the reduction of the barometric observations, no account has been taken of capillarity.

The reductions to the temperature of 32° Fahr. and to the sea-level, with the exception of the last year, were made under the direction of the Smithsonian Institution, by Prof. J. H. Coffin, of Easton, Pa. The reduction to sea-level was based upon the result of direct experiment. The barometer, when standing at or near 30.00 inches, with steady weather, was several times transferred from College Hill to the water-level, and the mean result gave for the reduction +0.18 of an inch. This is the correction which has been employed.

Several different thermometers have been used, but always the most accurate which could be obtained in this country. For the three years (since April of 1857) I have used the thermometers made by Mr. James Green, of New York, and known as the Smithsonian thermometers.

The actual times of observation have sometimes differed a little from the hours indicated at the head of the columns, although as a general practice the observations have been made very nearly at the times specified. The direction and force of the winds, and the degree of cloudiness have been determined without the aid of special instruments. From the nature of the case these observations cannot lay claim to any minute accuracy; yet it was thought desirable, and not without its utility, to make a record of the facts as they would appear in the judgment of a practiced observer.

Besides the deductions which appear on the current pages of the work, an appendix has been added, containing elaborate summaries, which it is hoped will facilitate the researches of scientific meteorologists, and thus repay in some degree the labor which has been bestowed upon them.

I may state, in conclusion, that all due care has been bestowed upon the preparation of the manuscript, and upon the correction of the proof, as the sheets have passed through the press, with a view to prevent and exclude errors. But in so large a mass of figures it is hardly possible to secure entire accuracy; and I can only hope that any errors which may have escaped notice will not be such as to mislead the inquirer.

A. CASWELL.

PROVIDENCE, *June* 6, 1860.

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METEOROLOGICAL OBSERVATIONS.

December, 1831.

DAYS.	BAROMETER, REDUCED TO 32° F. At 7 A. M.	At 1 P. M.	At 9 P. M.	THERMOMETER. At 7 A. M.	At 1 P. M.	At 9 P. M.	Daily mean.	WINDS.	WEATHER.	RAIN AND SNOW IN INCHES OF WATER.
1	...	...	...	21	...	15	...	N. E.	Snow 2 in.	0.10
2	...	...	...	13	18	15	15.3	N. W'ly	Clear	
3	...	...	...	14	17	16	15.7	N. E.	Sn. } 3 in.	0.15
4	...	...	...	16	21	20	19.0	N. E.	Sn. }	
5	29.18	29.39	29.60	13	22	18	17.7			
6	29.88	29.83	29.90	10	22	16	16.0	W.	Clear	
7	29.95	29.93	29.92	14	24	20	19.3	W'ly		
8	29.91	29.89	29.93	10	25	15	16.7	W.	Clear	
9	29.95	29.92	30.03	18	32	19	23.0	W'ly	Cloudy	
10	30.12	30.16	30.16	15	25	18	19.3	W.	Clear	
11	30.24	30.13	29.99	13	35	31	26.3	S'ly		
12	29.90	29.92	29.99	22	25	12	19.7	N'ly	Clear	
13	29.91	29.84	29.91	8	20	10	12.7	N. W.	Clear	
14	30.06	30.11	30.20	11	21	...	...	N. W.		
15	30.11	30.04	30.03	11	16	5	10.7	N. E.	Snow 11 in.	0.55
16	30.03	29.74	29.50	4	23	28	18.3			
17	29.11	28.99	...	24	27	12	21.0	W.	Snow 1 in.	0.05
18	...	29.86	30.00	2	11	8	7.0	W.	Clear	
19	29.92	29.70	29.80	13	25	14	17.3	W'ly		
20	29.91	29.84	29.69	13	25	22	20.0	W'ly	Clear	
21	29.42	29.27	29.37	25	35	20	26.7	W.		
22	29.73	29.86	30.10	9	7	0	5.3	W.	Clear	
23	30.18	30.20	30.14	—1	17	13	9.7	S. W.	Clear	
24	29.85	29.34	29.40	23	14	34	23.7	S'ly	Sn. & rain	0.60
25	29.68	29.71	29.69	31	32	25	29.3	W'ly		
26	29.58	29.49	...	20	24	17	20.3	W'ly	Clear	
27	29.48	29.55	29.67	20	23	13	18.7	W'ly	Clear	
28	29.66	29.50	...	11	25	22	19.3	N. E.	Snow 7½ in.	0.40
29	29.47	29.31	29.35	22	28	25	25.0	N. E.	Cloudy	
30	29.48	29.59	29.78	18	19	12	16.3	N. W.	Clear	
31	29.88	29.85	29.66	4	24	30	19.3	N'ly	Snow 2 in.	0.10
Means	29.79	29.74	29.83	14.4	22.7	17.5				
REDUCED TO SEA LEVEL.										
Max.	30.42	30.38	30.38	31	35	34	29.3			
Min.	29.36	29.17	29.53	—1	7	0	5.3			
Mean	29.97	29.92	30.01							
Range	1.06	1.21	0.85	32	28	34	24.0			
Mean of month			29.967	...	...	...	18.20	...	Rain	0.58
Extreme range			1.25	...	...	...	36.00	...	Snow	0.85

January, 1832.

	At 7 A. M.	At 1 P. M.	At 9 P. M.	At 7 A. M.	At 1 P. M.	At 9 P. M.	Daily mean.			
1	29.60	...	29.76	17	...	16	...	N. W.	Variable	
2	29.92	29.94	29.97	8	27	17	17.3	W'ly		
3	28.73	29.64	29.83	22	35	24	27.0		Sn. & rain	
4	30.09	30.11	30.08	6	26	15	15.7	W'ly	Variable	
5	29.94	29.83	29.85	22	36	35	31.0	S'ly	Variable	
6	29.87	29.52	29.66	34	43	40	39.0	S. W'ly	Rain	0.50
7	29.90	29.96	30.05	26	28	22	25.3	N'ly	Clear	
8	30.02	29.94	29.56	14	28	33	25.0	S. E'ly	Rain	1.50
9	28.93	29.24	29.48	37	44	34	38.3	W'ly	Clear	
10	29.56	29.53	29.47	26	38	32	32.0	S'ly	Clear	
11	29.36	29.29	29.41	31	33	22	28.7	N'ly	Snow 1 in.	0.05
12	29.63	29.72	29.84	13	20	20	17.7	W'ly	Clear	
13	29.82	29.72	29.85	20	38	34	30.7	W'ly	Clear	
14	30.00	30.06	30.09	26	40	28	31.3	W'ly	Clear	
15	30.07	30.06	30.05	27	50	36	37.7	W'ly	Clear	
16	30.04	30.03	30.04	36	52	29	42.3	W'ly	Clear	
17	30.05	30.04	30.02	32	46	34	37.3	S. W.	Clear	
18	29.86	29.75	29.71	36	49	44	43.0	S. W.	Cloudy	
19	29.55	29.54	29.69	47	54	41	47.3	W'ly	Clear	
20	29.80	29.82	29.84	35	39	35	36.3	W'ly	Cloudy	
21	29.69	29.62	29.83	31	37	26	31.3	W'ly	Snow 1½ in.	0.07
22	29.97	...	30.15	17	...	16	...	N. W.	Clear	
23	30.20	30.17	30.13	11	29	28	22.7	W'ly	Variable	
24	30.01	29.86	29.78	32	41	38	37.0	E'ly	Mist	
25	29.47	29.44	29.60	48	43	17	36.0	S. E'ly	Rain	0.60
26	29.78	29.98	30.17	—1	5	—2	0.7	N. W.	Clear	
27	30.01	30.12	30.17	—7	16	0	3.0	W'ly	Variable	
28	30.21	30.15	30.11	—4	16	16	9.3	S. W'ly	Variable	
29	30.07	30.05	30.05	18	26	22	22.0	N. E.	Snow 3 in.	0.15
30	29.86	29.67	29.47	31	37	36	34.7	E'ly	Rain	1.00
31	29.68	29.76	29.89	32	32	24	29.3	W'ly	Variable	
Means	29.79	29.81	29.84	23.3	34.8	26.5	...	...	...	3.87
REDUCED TO SEA LEVEL.										
Max.	30.39	30.35	30.35	47	54	44	47.3			
Min.	28.91	29.42	29.59	—7	5	—2	0.7			
Mean	29.97	29.99	30.02							
Range	1.48	0.93	0.76	54	49	46	44.3			
Mean of month			29.991	...	...	...	28.2			
Extreme range			1.48	...	...	...	61.0			

February, 1832.

DAYS.	BAROMETER, REDUCED TO 32° F. At 7 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 7 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS.	WEATHER.	RAIN AND SNOW IN INCHES OF WATER.
1	30.03	30.09	30.10	18	28	26	24.0	W'ly	Variable	
2	29.93	29.76	29.71	30	44	41	38.3	W'ly	Variable	
3	29.66	29.68	29.67	42	57	41	46.7	W'ly	Variable	
4	29.68	29.72	29.72	34	36	32	34.0	N. E'ly	Sn. & rain	0.35
5	29.62	...	29.92	27	...	11	...	N. E.	Snow 6½ in.	0.35
6	30.11	30.06	29.85	—1	19	20	12.7	W'ly	Var. snow	
7	29.71	29.82	30.03	27	32	20	26.3	W'ly	Clear	
8	30.13	30.11	30.13	16	22	18	18.7	N. E.	Variable	
9	30.02	29.94	29.68	22	26	17	21.7	N. E.	Snow 7 in.	0.40
10	29.72	29.86	30.04	13	30	16	19.7	W'ly	Clear	
11	30.23	30.19	29.98	14	32	32	26.0	S. E'ly	Variable	
12	29.64	29.54	29.41	42	45	48	45.0	S. W'ly	Rain	0.75
13	29.66	29.92	30.18	36	35	28	33.0	W'ly	Variable	
14	30.29	30.29	30.25	26	33	31	30.0	N. E.	Snow ¼ in.	
15	30.08	30.01	30.09	32	36	32	33.3	N. E'ly	Mist	
16	30.22	30.27	30.32	20	20	9	16.3	N'ly	Variable	
17	30.33	30.19	29.89	3	20	20	14.3	W'ly	Variable	
18	29.55	29.50	29.61	28	42	34	34.7	W'ly	Variable	
19	29.52	29.40	29.46	32	36	34	34.0	N. E.	Rain	0.67
20	29.47	29.43	29.27	32	34	32	32.7	N. E.	Rain	1.03
21	29.47	29.66	30.00	28	23	14	21.7	N. W.	Clear	
22	30.19	30.23	30.23	10	29	27	22.0	S. W'ly	Clear	
23	30.08	29.84	29.81	32	36	31	33.0	S. W.	Rain	0.32
24	30.19	30.34	30.40	6	10	4	6.7	N. W.	Clear	
25	30.33	30.43	29.86	8	25	28	20.3	N. E.	Rain	0.28
26	29.87	29.82	29.85	28	40	30	32.7	W'ly	Variable	
27	29.98	29.98	29.94	22	37	30	29.7	W'ly	Clear	
28	29.87	29.69	29.64	32	36	33	33.7	S. W'ly	Sn. & rain	0.10
29	29.72	29.81	29.97	35	44	31	36.7	W.	Clear	
Means	29.91	29.91	29.90	23.9	34.2	26.5	...	...	...	4.25
REDUCED TO SEA LEVEL.										
Max.	30.51	30.61	30.58	42	57	48	46.7			
Min.	29.65	29.58	29.45	—1	10	4	6.7			
Mean	30.09	30.09	30.18							
Range	0.86	1.03	1.13	43	47	44	40.0			
Mean of month			30.087	...	...	...	27.6			
Extreme range			1.16	...	...	...	58.0			

March, 1832.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.			
1	30.15	30.16	30.22	20	33	24	25.7	W.	Clear	
2	30.24	30.21	29.99	17	34	30	27.0	S. W	Variable	
3	29.69	29.61	29.81	36	48	34	39.3	W'ly	Variable	
4	29.86	...	...	29	...	...	...	W.	Clear	
5	29.71	29.54	29.39	34	41	42	39.0	S. E'ly	Rain	1.50
6	29.27	29.24	29.29	40	41	37	39.3	N. W.	Cloudy	
7	29.44	29.50	29.66	30	35	24	29.7	N. W.	Clear	
8	29.91	29.86	29.84	20	41	38	33.0	S. W.	Variable	
9	26.89	29.84	29.80	35	59	44	46.0	S. W.	Variable	
10	29.84	29.90	30.06	45	63	44	50.7	W'ly	Clear	
11	30.10	30.02	29.91	38	52	45	45.0	N. E.	Cloudy	
12	29.68	29.49	29.31	46	56	44	48.7	S'ly	Rain	0.65
13	29.23	29.31	29.30	45	54	39	46.0	N. W.	Clear	
14	29.42	29.55	29.80	21	24	17	20.7	N. W.	Variable	
15	30.04	30.13	30.17	12	31	25	22.7	N. W.	Clear	
16	30.17	30.11	30.06	27	44	31	34.0	N. W.	Clear	
17	29.73	29.36	29.22	35	40	37	37.3	N. E.	Rain	0.40
18	29.24	29.38	29.69	16	14	16	15.3	N. W.	Snow	0.05
19	29.86	29.92	29.98	12	26	20	19.3	N. W.	Clear	
20	29.98	29.87	29.68	16	40	35	30.3	S. W.	Variable	
21	29.36	29.23	29.41	40	42	32	38.0	S. W.	Rain	0.30
22	29.47	29.56	29.74	22	30	22	24.7	N. W.	Variable	
23	29.81	29.87	29.82	19	39	34	30.7	N. W.	Clear	
24	29.78	29.70	29.94	37	62	48	49.0	W.	Clear	
25	29.78	29.77	29.70	40	56	51	48.7	S. W.	Variable	
26	29.65	29.58	29.69	50	57	34	47.0	S. W.	Rain	0.30
27	29.89	29.98	30.05	24	37	28	39.7	N. W.	Clear	
28	30.07	30.04	30.00	24	40	32	32.0	S. W'ly	Clear	
29	29.96	29.97	30.10	38	38	28	34.7	N. E.	Cloudy	
30	30.17	30.13	30.03	22	43	32	32.3	N. W.	Clear	
31	29.86	29.64	29.44	33	59	49	47.0	S. W.	Variable	
Means	29.78	29.75	29.76	29.8	42.6	33.7	...	...	...	3.20
REDUCED TO SEA LEVEL.										
Max.	30.42	30.39	30.40	50	59	51	50.7			
Min.	29.41	29.41	29.40	12	14	16	15.3			
Mean	29.96	29.93	29.94							
Range	1.01	0.98	1.00	38	45	35	35.4			
Mean of month			29.943	...	...	...	35.4			
Extreme range			1.02	...	...	...	47.0			

April, 1832.

DAYS.	BAROMETER, REDUCED TO 32° F. Sunrise.	At 1 P. M.	At 9 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 9 P. M.	Daily mean.	WINDS.	WEATHER.	RAIN AND SNOW IN INCHES OF WATER.
1	29.45	29.34	29.49	42	57	38	45.7	W'ly	Variable	
2	29.60	29.65	29.71	29	45	36	36.7	W'ly	Clear	
3	29.58	29.26	29.25	38	37	37	37.3	N. E.	R'n & snow	0.55
4	29.53	29.49	29.45	28	44	42	38.0	N. W.	Variable	
5	29.66	29.78	29.92	26	36	28	30.0	N. W.	Clear	
6	30.04	30.06	30.08	22	40	28	30.0	N. W.	Clear	
7	30.03	29.91	29.79	24	46	34	34.7	W.	Clear	
8	29.79	29.83	29.91	30	38	27	31.7	N. E.	Clear	
9	29.99	30.03	30.02	20	37	26	27.7	N.	Clear	
10	29.99	29.88	29.81	29	51	37	39.0	S. W.	Variable	
11	29.69	29.64	29.69	39	59	40	46.0	S. W.	Rain	0.05
12	29.69	29.61	29.53	33	56	54	47.7	S. E'ly	Variable	
13	29.50	29.47	29.42	48	74	59	60.3	W'ly	Clear	
14	29.43	...	29.59	37	...	37	...	N. E.	Variable	
15	29.62	29.75	29.79	36	40	36	37.3	N. E.	Cloudy	
16	29.76	29.69	29.68	36	44	36	38.7	N. E.	Cloudy	
17	29.59	29.56	29.58	38	38	38	38.0	N. E.	Rain	1.75
18	29.58	29.63	29.66	35	34	34	34.3	N. E.	Rain	0.20
19	29.61	29.62	29.61	34	35	33	34.0	N. E.	Rain	0.12
20	29.56	29.57	29.62	33	37	33	34.3	N. E.	Rain	0.04
21	29.62	29.59	29.55	33	52	45	43.3	N. W.	Cloudy	
22	29.70	29.74	29.82	40	50	38	42.7	N.	Variable	
23	29.98	29.91	29.85	30	50	32	37.3	S. W.	Variable	
24	29.76	29.80	29.89	35	50	34	39.7	N. W.	Clear	
25	29.90	29.78	29.60	33	57	56	48.7	W'ly	Variable	
26	29.53	29.51	29.49	51	77	65	64.3	S. W.	Variable	
27	29.41	29.50	29.65	58	77	57	64.0	W'ly	Clear	
28	29.75	29.84	29.95	40	41	38	39.7	N. E.	Cloudy	
29	29.95	29.96	29.97	36	44	40	40.0	N. E.	Rain	0.62
30	29.95	29.90	29.81	40	46	40	42.0	N. E.	Cloudy	
Means	29.70	29.70	29.70	35.1	48.0	39.3	...	...	...	3.33
REDUCED TO SEA LEVEL.										
Max.	30.22	30.24	30.26	58	77	65	64.3			
Min.	29.59	29.44	29.43	20	34	26	27.7			
Mean	29.88	29.88	29.88							
Range	0.63	0.80	0.83	38	43	39	36.6			
Mean of month			29.885	...	...	...	40.8			
Extreme range			0.83	...	...	...	57.0			

REMARKS.

7th. Halo about the moon from 7 to 9 P. M.; inner edge well defined; radius 22°.

10th. Halo about the moon at 9 P. M.; air thick and hazy.

May, 1832.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.			
1	29.69	29.56	29.58	41	55	50	48.7	N. W.	Clear	
2	29.72	29.75	29.84	39	57	44	46.7	W'ly	Clear	
3	29.82	29.83	29.81	44	62	47	51.0	S. W.	Variable	
4	29.73	29.62	29.43	46	70	48	54.7	S. W.	Rain	0.45
5	29.33	29.44	29.69	45	50	45	46.7	N. E.	Rain & mist	
6	29.92	29.99	30.12	38	54	42	44.7	N. E.	Variable	
7	30.20	30.21	30.18	36	55	43	44.7	S'ly	Variable	
8	30.09	30.02	29.97	44	65	54	54.3	S. W.	Clear	
9	29.90	29.91	29.93	55	69	56	60.0	S. W.	Little rain	
10	30.06	30.13	30.22	50	64	44	52.7	N. E'ly	Clear	
11	30.23	...	30.22	40	...	44	...	S'ly	Clear	
12	30.04	30.03	29.97	40	76	59	58.3	W'ly	Clear	
13	29.93	29.89	29.89	55	82	60	65.7	W'ly	Clear	
14	29.85	29.79	29.79	58	78	60	65.3	W'ly	Variable	
15	29.73	29.65	29.59	60	66	60	62.0	S. W.	Showery	0.22
16	29.60	29.59	29.70	60	75	60	65.0	W'ly	Clear	
17	29.75	29.65	29.69	52	71	59	60.7	W.	Clear	
18	29.70	29.70	29.68	57	66	50	57.7	W'ly	Variable	
19	29.69	29.66	29.55	51	63	49	54.3	E'ly	Cloudy	
20	29.44	29.45	29.36	54	52	48	51.3	N. E.	Rain	2.25
21	29.18	29.26	29.42	54	63	51	56.0	N. W.	Clear	
22	29.49	29.55	29.74	47	47	46	46.7	W'ly	Cloudy	
23	29.83	29.82	29.82	43	56	44	47.7	N. E.	Variable	
24	29.73	29.69	29.64	42	44	38	41.3	N. E.	Rain	
25	29.55	29.56	29.55	36	42	41	39.7	N. E.	R'n & snow	0.55
26	29.47	29.39	29.39	44	61	50	51.7	W'ly	Variable	
27	29.30	29.31	29.47	44	44	44	44.0	N. E.	Rain	0.22
28	29.54	29.59	29.65	45	60	51	52.0	N. W.	Variable	
29	29.70	29.72	29.67	47	68	53	56.0	W'ly	Clear	
30	29.51	29.31	29.33	51	50	46	49.0	S. E.	Rain	0.45
31	29.37	29.50	29.61	50	50	44	48.0	N. E.	Rain	
Means	29.71	29.69	29.73	47.4	60.5	49.4	...	...	...	4.14
REDUCED TO SEA LEVEL.										
Max.	30.41	30.39	30.40	60	82	60	65.7			
Min.	29.36	29.43	29.51	36	42	41	41.3			
Mean	29.89	29.86	29.91							
Range	1.05	0.96	0.89	24	40	19	24.4			
Mean of month			29.887	...	...	...	52.4			
Extreme range			1.05	...	...	...	46.0			

REMARKS.

Misty A. M. of the 5th, which prevented observations on the transit of mercury.

Snow on the morning of the 25th, so as to whiten the ground.

June, 1832.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS.	WEATHER.	RAIN AND SNOW IN INCHES OF WATER.
1	29.60	29.60	29.57	47	57	52	52.0	N. E.	Misty	
2	29.49	29.43	29.46	47	64	54	55.0	N. W.	Clear	
3	29.44	...	29.46	46	...	50	...	N. E.	Variable	
4	29.47	29.52	29.59	48	53	46	49.0	N. E.	Cloudy	
5	29.58	29.58	29.61	45	57	49	50.3	N. E.	Cloudy	
6	29.58	29.60	29.60	47	60	53	53.3	N. E'ly	Cloudy	
7	29.60	...	29.66	51	...	52	...	N. E'ly	Cloudy	
8	29.64	29.70	29.80	50	60	55	55.0	E'ly	Cloudy	
9	29.82	29.82	29.82	51	60	52	54.3	S. E.	Variable	
10	29.78	29.79	29.82	50	64	52	55.3	S. W.	Va'ble, sh.	0.08
11	29.79	29.76	29.73	52	67	56	58.3	S. E.	Variable	
12	29.72	29.67	29.78	55	85	68	69.3	W'ly	Clear	
13	29.85	...	29.89	59	...	56	...	N. E.	Variable	
14	29.80	29.66	29.59	54	72	65	63.7	W'ly	Clear	
15	29.56	29.48	29.49	63	86	75	74.4	W'ly	Variable	
16	29.48	29.40	29.40	62	88	77	75.7	W'ly	Clear, sh.	0.05
17	29.39	29.36	29.52	72	87	70	76.3	W'ly	Clear	
18	29.54	29.49	29.38	64	74	66	68.0	W.	Clear, sh.	0.20
19	29.50	29.59	29.76	60	64	56	60.0	W'ly	Variable	
20	29.86	29.87	29.90	46	68	58	57.3	W'ly	Clear	
21	29.95	29.98	29.96	54	76	60	63.3	S. W.	Clear	
22	29.95	29.85	29.84	56	76	59	63.4	S. W.	Clear	
23	29.74	29.68	29.71	57	81	69	69.0	N. W.	Clear	
24	29.82	...	29.82	63	...	62	...	W'ly	Clear	
25	29.79	29.73	29.75	63	84	67	71.3	W'ly	Clear	
26	29.74	29.69	29.67	63	83	66	70.7	W'ly	Clear	
27	29.58	29.48	29.46	65	72	68	68.3	S. W.	Cloudy	
28	29.46	29.53	29.69	66	77	62	68.3	W'ly	Clear	
29	29.82	...	29.91	53	...	64	...	W'ly	Clear	
30	29.96	29.93	29.88	57	80	62	66.9	S. W.	Clear	
Means	29.68	29.65	29.68	55.5	71.8	60.0	...	...	...	0.33
REDUCED TO SEA LEVEL.										
Max.	30.14	30.17	30.14	66	88	77	76.3			
Min.	29.57	29.54	29.56	45	53	46	49.0			
Mean	29.86	29.82	29.86							
Range	0.57	0.63	0.58	21	35	31	27.3			
Mean of month			29.847	...	...	...	62.4			
Extreme range			0.63	...	...	...	43.0			

REMARK.

Shower, with thunder and lightning on the afternoon of the 16th; also on afternoon of 18th.

July, 1832.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.			
1	29.81	29.77	29.75	61	81	76	72.7	W'ly	Clear	
2	29.73	29.67	29.56	70	89	72	77.0	W'ly	Clear	
3	29.54	29.48	29.50	69	86	73	76.0	W'ly	Clear	
4	29.68	29.68	29.75	63	86	66	71.7	N'ly	Clear	
5	29.80	29.82	29.79	60	74	62	65.3	S'ly	Clear	
6	29.74	29.79	29.78	58	80	66	68.0	S'ly	Clear	
7	29.61	29.58	29.69	63	83	57	65.7	N. E.	Variable	
8	29.66	29.60	29.63	53	70	59	60.7	N. E.	Cloudy	
9	29.58	29.56	29.51	54	59	53	55.3	N. E.	Rain	0.87
10	29.49	29.53	29.60	51	64	56	57.0	N. E.	Cloudy	
11	29.57	29.53	29.51	51	53	52	52.0	N. E.	Rain	0.60
12	29.51	29.51	29.50	51	64	58	57.7	W'ly	Va'ble, sh.	0.03
13	29.44	29.42	29.47	54	68	59	60.3	W'ly	Variable	
14	29.51	29.56	29.67	51	68	58	59.0	W'ly	Variable	
15	29.74	29.75	29.81	53	72	60	61.7	W'ly	Clear	
16	29.82	...	...	52	...	...	...	W'ly	Clear	
17	...	29.82	29.86	...	77	64	(70.5)	W'ly	Va'ble, sh.	0.20
18	29.86	29.81	29.72	62	80	68	70.0	S. W.	Clear	
19	29.68	29.51	29.43	65	80	70	71.7	W'ly	Clear	
20	29.40	29.38	29.41	64	80	69	71.0	W'ly	Clear	
21	29.38	29.30	29.44	64	77	61	67.3	W'ly	Variable	
22	29.60	29.65	29.77	61	71	63	65.0	N'ly	Clear	
23	29.69	29.83	29.86	57	76	64	65.7	N'ly	Clear	
24	29.84	29.79	29.69	59	74	65	66.0	S'ly	Clear	
25	29.59	29.49	29.48	62	78	65	68.3	S'ly	Va'ble, sh.	0.05
26	29.47	29.47	29.52	60	76	64	66.7	W'ly	Clear	
27	29.65	29.72	29.80	59	76	66	67.0	W'ly	Clear	
28	29.83	29.83	29.84	58	82	65	68.3	W'ly	Clear	
29	29.78	...	28.74	64	...	68	...	W'ly	Clear	
30	29.68	...	29.74	67	...	70	...	W'ly	Variable	
31	29.75	29.77	29.82	70	79	72	73.7	W'ly	Va'ble, sh.	0.07
Means	29.65	29.63	29.65	59.2	70.1	64.0	...	...	...	1.82
REDUCED TO SEA LEVEL.										
Max.	30.04	30.01	30.04	70	89	76	77.0			
Min.	29.56	29.48	29.59	51	53	52	52.0			
Mean	29.83	29.81	29.83							
Range	0.48	0.53	0.45	19	36	24	25.0			
Mean of month			29.823	...	...	...	64.4			
Extreme range			0.56	...	...	...	38.0			

REMARK.

Very clear during solar eclipse of the 27th.

August, 1832.

DAYS.	BAROMETER, REDUCED TO 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS.	WEATHER.	RAIN AND SNOW IN INCHES OF WATER.
1	29.86	29.85	29.84	70	80	66	72.0	W'ly	Va'ble, sh.	
2	29.85	29.87	29.87	64	84	70	72.7	W'ly	Variable	
3	29.88	29.82	29.77	64	80	70	71.3	W'ly	Clear	
4	29.78	29.72	29.72	66	84	75	72.7	W'ly	Variable	
5	29.71	29.72	29.76	74	82	71	75.7	S. W'ly	Va'ble, rn.	0.44
6	29.82	29.82	29.83	71	82	69	74.0	W'ly	Va'ble, rn.	0.21
7	29.82	29.80	29.73	71	82	73	75.3	S. W.	Variable	
8	29.63	29.62	29.58	72	82	73	75.7	S. W'ly	Va'ble, rn.	0.11
9	29.57	29.58	29.55	71	75	69	71.7	S. W'ly	Rain	1.52
10	29.35	29.50	29.67	66	78	68	70.7	W'ly	Va'ble, sh.	0.03
11	29.81	29.89	29.95	60	76	65	67.0	N. W.	Clear	
12	29.99	29.97	29.96	61	75	69	68.3	S. W.	Clear	
13	29.98	29.96	29.93	69	83	70	74.0	S. W.	Clear	
14	29.91	29.82	29.82	69	84	73	75.3	S. W.	Clear	
15	29.79	29.71	29.61	71	84	75	76.7	S. W.	Clear	
16	29.58	29.69	29.74	73	66	62	67.0	N. E.	Cloudy, rn.	0.10
17	29.65	29.80	29.89	56	59	56	57.0	N. E.	Rain	0.58
18	29.92	29.94	29.92	51	70	60	60.0	E'ly	Clear	
19	29.80	29.65	29.63	60	71	57	62.7	S. W.	Rain	0.81
20	29.75	29.85	29.93	55	73	63	63.7	N. W.	Clear	
21	29.91	29.84	29.80	62	75	64	67.0	S. W'ly	Variable	
22	29.73	29.68	29.60	60	75	70	68.3	S. W'ly	Va'ble, sh.	0.03
23	29.59	29.58	29.61	67	80	71	72.7	W'ly	Clear	
24	29.64	29.61	29.64	63	76	59	66.0	W'ly	Clear, sh.	0.05
25	29.75	29.74	29.80	47	60	49	55.3	N. W.	Clear	
26	29.81	29.75	29.73	46	68	61	58.3	N. W.	Clear	
27	29.72	29.70	29.74	54	78	62	64.7	N. W.	Clear	
28	29.79	29.79	29.79	60	71	63	64.7	N. W.	Clear	
29	29.84	29.83	29.85	63	76	64	67.7	W'ly	Clear	
30	29.87	29.88	29.83	62	77	66	68.3	S. W.	Clear	
31	29.78	29.68	29.66	65	74	59	66.0	S. W.	Cloudy, sh.	0.04
Means	29.76	29.75	29.76	63.2	76.1	65.9	...	...	...	3.92
REDUCED TO SEA LEVEL.										
Max.	30.17	30.15	30.14	74	84	75	76.7			
Min.	29.53	29.68	29.73	46	59	57	55.3			
Mean	29.94	29.93	29.94							
Range	0.64	0.47	0.41	28	25	18	21.4			
Mean of month			29.937	...	...	...	68.4			
Extreme range			0.64	...	...	...	38.0			

September, 1832.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.			
1	29.68	29.74	29.80	59	65	54	59.3	N'ly	Cloudy	
2	29.85	29.82	29.83	52	69	58	59.7	N. W.	Clear	
3	29.82	29.81	29.79	53	72	60	61.7	W'ly	Clear	
4	29.75	29.69	29.51	60	63	65	62.7	S. W.	Rain	0.80
5	29.44	29.49	29.60	65	69	54	61.3	W'ly	Clear	
6	29.63	29.60	29.66	51	64	55	56.7	N. W.	Clear	
7	29.67	29.60	29.60	52	70	64	62.0	S. W.	Clear	
8	29.74	29.75	29.75	58	71	59	62.7	S. W.	Clear	
9	29.76	29.81	29.93	58	67	54	59.7	W'ly	Clear	
10	30.05	30.04	30.00	45	65	53	54.3	W'ly	Clear	
11	29.94	39.81	29.64	53	70	64	62.3	S. W.	Clear, rain	0.40
12	29.52	29.60	29.77	63	71	52	62.0	N. W.	Clear	
13	29.86	29.90	29.94	44	64	47	51.7	N. W.	Clear	
14	29.99	29.92	29.91	42	63	52	52.3	W'ly	Clear	
15	29.88	29.82	29.80	52	72	60	61.3	S. W.	Clear	
16	29.73	29.74	29.79	58	75	62	65.0	S. W.	Clear	
17	29.85	29.92	30.01	59	74	60	64.3	S'ly	Clear	
18	30.07	30.01	...	54	72	62	62.7	S'ly	Clear	
19	29.92	29.85	29.82	60	80	69	69.7	S. W.	Clear	
20	29.78	29.74	29.73	63	77	63	67.7	S. W'ly	Clear	
21	29.69	29.52	29.45	63	66	66	65.0	S. E.	Rain	0.79
22	29.56	29.50	29.55	66	70	58	64.7	S. W.	Rain	0.06
23	29.73	29.77	29.85	50	66	50	55.3	N. W.	Clear	
24	29.88	29.83	29.71	44	62	56	54.0	S. W'ly	Variable	
25	29.54	29.47	29.68	55	58	53	55.3	S. W.	Rain	0.40
26	29.82	29.82	29.82	44	62	53	53.0	W'ly	Clear	
27	29.84	29.82	29.84	48	68	59	58.3	W'ly	Clear	
28	29.84	29.83	29.83	59	70	58	62.3	S. W.	Clear	
29	29.76	29.64	29.53	57	61	59	59.0	N. E.	Rain	1.05
30	29.50	29.52	29.60	57	63	62	60.7	N. E.	Cloudy	
Means	29.77	29.74	29.75	54.8	68.0	58.0	...	...	...	3.50
REDUCED TO SEA LEVEL.										
Max.	30.25	30.22	30.19	66	80	69	69.7			
Min.	29.62	29.65	29.63	42	61	47	51.7			
Mean	29.95	29.92	29.93							
Range	0.63	0.57	0.56	24	19	22	18.0			
Mean of month			29.933	...	...	...	60.3			
Extreme range			0.63	...	...	...	38.0			

REMARK.

Frost in the vicinity on the 14th.

October, 1832.

DAYS.	BAROMETER, REDUCED TO 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS.	WEATHER.	RAIN AND SNOW IN INCHES OF WATER.
1	29.58	29.54	29.43	61	63	62	62.0	S. E.	Rain	0.63
2	29.41	29.45	29.46	56	65	55	58.7	S. W.	Clear	
3	29.46	29.51	29.53	48	60	53	52.3	W'ly	Clear	
4	29.56	29.55	29.59	48	63	58	56.3	W'ly	Clear	
5	29.71	29.71	29.70	47	65	56	56.0	S. W.	Variable	
6	29.71	29.69	29.65	47	62	50	53.0	E'ly	Variable	
7	29.65	29.67	29.75	46	61	54	53.7	N. E.	Clear	
8	29.86	29.88	29.99	52	60	51	54.3	N. E.	Variable	
9	30.07	30.08	29.99	40	60	50	50.0	N. E.	Clear	
10	29.99	29.86	29.70	50	64	64	59.3	S. W.	Cloudy	
11	29.54	29.50	29.64	63	63	53	59.7	S. W.	Rain	0.38
12	29.77	29.81	29.86	48	63	50	53.7	W'ly	Clear	
13	29.87	29.83	29.81	48	67	57	57.3	W'ly	Clear	
14	29.77	29.74	29.95	57	55	43	51.7	W'ly	Variable	
15	30.13	30.14	30.15	34	56	38	42.7	W'ly	Clear	
16	30.13	30.05	30.03	34	56	47	45.7	S. W.	Clear	
17	29.98	29.88	29.86	48	63	57	56.0	S. W.	Clear	
18	29.72	29.77	29.84	53	73	62	62.7	S. W.	Clear	
19	30.16	30.16	29.98	50	55	52	52.3	N. E.	Cloudy	
20	29.82	29.76	29.62	56	70	63	63.0	S. W.	Variable	
21	29.74	29.85	29.98	55	59	46	53.3	N'ly	Clear	
22	30.06	30.02	29.73	43	46	43	44.0	N. E.	Rain	1.00
23	29.46	29.45	29.60	53	57	46	52.0	W'ly	Variable	
24	29.77	29.77	29.78	37	57	45	46.3	N'ly	Variable	
25	29.75	29.74	29.91	41	53	38	44.0	N'ly	Variable	
26	30.17	30.20	30.24	28	40	32	33.3	N'ly	Clear	
27	30.16	30.00	29.91	29	52	46	42.3	S. W.	Variable	
28	29.92	29.95	30.01	38	42	38	39.3	N'ly	Variable	
29	30.05	30.05	30.08	32	51	40	41.0	N. W.	Clear	
30	30.13	30.08	30.09	38	59	42	46.3	N. W.	Clear	
31	30 06	29.98	29.93	41	63	46	50.0	W'ly	Clear	
Means	29.84	29.82	29.83	45.8	58.8	49.6	...	...	...	2.01
REDUCED TO SEA LEVEL.										
Max.	30.35	30.38	30.42	63	73	64	63.0			
Min.	29.58	29.63	29.61	28	40	32	33.3			
Mean	30.02	30.00	30.01							
Range	0.77	0.75	0.81	35	33	32	29.7			
Mean of month			30.010	...	...	...	51.4			
Extreme range			0.84	...	...	...	45.0			

REMARKS.

First white frost on College Hill on the 15th.

Ice one-fourth of an inch thick on the 26th.

November, 1832.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.			
1	29.87	29.74	29.68	40	66	54	53.3	S. W.	Clear	
2	29.58	29.64	29.82	54	58	46	52.7	N. W.	Clear	
3	29.94	29.95	29.97	37	54	40	43.7	W.	Clear	
4	29.88	29.80	29.77	39	56	55	50.0	S. W.	Cloudy, r'n	0.07
5	29.76	29.78	29.89	51	63	49	54.3	S. W.	Variable	
6	29.90	29.84	29.69	39	43	43	41.7	N. E.	Rain	0.60
7	29.56	29.58	29.74	43	49	39	43.7	N. W.	Variable	
8	29.87	29.86	29.86	33	39	29	33.7	N. W.	Clear	
9	29.79	29.65	29.58	24	40	34	32.7	N. W.	Clear	
10	29.47	29.51	29.53	38	49	38	41.7	S. W.	Clear	
11	29.53	29.50	29.67	42	54	40	45.3	W'ly	Clear	
12	29.72	29.67	29.64	32	49	42	41.0	W'ly	Clear	
13	29.56	29.42	29.34	43	55	48	48.7	S'ly	Clear	
14	29.52	29.60	29.76	36	37	24	32.3	N. W.	Clear	
15	29.86	29.92	30.08	23	32	22	25.7	N. W.	Clear	
16	30.19	30.17	30.18	18	40	32	30.0	S. W.	Clear	
17	30.17	30.10	29.89	33	50	48	43.7	S'ly	Variable	
18	29.65	29.56	29.60	62	63	55	60.0	S. W.	Rain	1.64
19	29.64	29.60	29.48	52	57	51	53.3	S. W.	Cloudy	
20	29.30	29.43	29.83	50	41	35	42.0	W.	Clear	
21	30.08	30.15	30.07	23	34	33	30.0	N. E.	Clear	
22	29.96	29.75	29.38	39	44	38	40.3	N. E.	Rain	1.15
23	29.39	29.48	29.55	36	44	40	40.0	S. W.	Clear	
24	29.55	29.55	29.57	36	42	34	37.3	S. W.	Variable	
25	29.86	29.95	30.02	28	36	31	31.7	W'ly	Clear	
26	29.98	29.84	29.74	37	52	50	46.3	W'ly	Variable	
27	29.61	29.57	29.68	51	56	44	50.3	S. W.	Cloudy	
28	29.74	29.70	29.74	43	48	40	43.7	W.	Clear	
29	29.82	29.78	29.88	38	48	35	40.3	W'ly	Clear	
30	29.91	29.69	29.53	32	38	35	35.0	N. E.	Rain	
Means	29.75	29.73	29.74	37.2	46.4	38.8	...	...	...	3.46
REDUCED TO SEA LEVEL.										
Max.	30.37	30.35	30.36	62	66	55	60.0			
Min.	29.48	29.60	29.34	18	32	22	25.7			
Mean	29.93	29.91	29.92							
Range	0.89	0.75	1.02	44	34	33	34.3			
Mean of month			29.920	...	...	...	40.8			
Extreme range			1. 03	...	...	...	48.0			

REMARK.

Bright aurora on the night of the 27th.

December, 1832.

DAYS.	BAROMETER, REDUCED TO 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS.	WEATHER.	RAIN AND SNOW IN INCHES OF WATER.
1	29.35	29.37	29.74	28	26	21	25.0	N. E.	Snow	0.05
2	29.92	29.97	29.94	13	25	23	20.3	W'ly	Clear	
3	29.76	29.60	29.31	26	35	39	33.3	N. E.	Rain	1.80
4	29.34	29.50	29.72	35	40	23	32.7	W'ly	Variable	
5	30.05	30.16	30.30	20	31	20	23.7	N. W.	Clear	
6	30.26	30.16	30.16	22	37	37	32.0	W.	Clear	
7	30.30	30.26	30.17	29	35	33	32.3	N. E.	Variable	
8	29.90	29.81	29.56	43	51	48	47.3	S'ly	Rain	2.14
9	29.25	29.15	29.48	50	42	38	43.3	N'ly	Rain	
10	29.74	29.83	29.96	36	44	35	38.3	W'ly	Clear	
11	29.96	29.87	29.75	30	46	40	38.7	S. W.	Variable	
12	29.50	29.47	29.64	40	41	29	36.7	N. E.	Rain	0.33
13	29.80	29.95	30.00	22	25	26	24.3	N.	Cloudy	
14	29.92	29.93	29.83	28	35	39	34.0	W'ly	Mist	
15	29.73	29.62	29.60	38	39	35	37.3	N. E.	Rain	0.15
16	29.75	29.81	29.84	27	30	30	29.0	N.	Cloudy	
17	29.65	29.30	28.75	35	41	35	37.0	N. E.	Rain	0.73
18	28.72	28.77	28.94	35	38	36	36.3	W'ly	Variable	
19	29.03	29.08	29.23	31	35	29	31.7	W'ly	Variable	
20	29.34	29.40	29.54	25	32	24	27.0	W'ly	Clear	
21	29.54	29.50	29.58	19	30	17	22.0	W'ly	Variable	
22	29.70	29.70	29.73	14	20	15	16.3	N. W.	Clear	
23	29.94	30.00	30.01	11	24	21	18.7	N. W.	Variable	
24	30.02	30.00	29.97	19	30	34	27.7	N. W.	Clear	
25	29.87	29.87	30.00	34	39	29	34.0	W.	Clear	
26	30.12	30.11	30.00	24	35	32	30.3	N. E.	Cloudy	
27	29.70	29.47	29.50	34	32	33	33.0	N'ly	Rain	0.43
28	29.61	29.70	29.90	33	34	25	30.7	W'ly	Clear	
29	29.91	29.96	30.28	24	26	18	22.7	W.	Clear	
30	30.43	30.44	30.42	13	28	27	22.7	W'ly	Clear	
31	30.30	30.20	30.15	36	45	45	42.0	W'ly	Variable	
Means	29.75	29.74	29.77	28.2	34.5	30.2	...	...	...	5.63
REDUCED TO SEA LEVEL.										
Max.	30.61	30.62	30.60	50	51	48	47.3			
Min.	28.90	28.95	28.93	11	20	15	16.3			
Mean	29.93	29.92	29.95							
Range	1.71	1.67	1.67	39	31	33	31.0			
Mean of month			29.890	...	...	...	31.0			
Extreme range			1.72	...	...	...	48.0			

REMARK.

The general barometric mean only for this month is corrected for temperature, there being no record of the attached thermometer for the separate observations.

January, 1833.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.			
1	29.93	29.80	29.94	49	52	46	49.0	S. W.	Rain	0.66
2	30.18	30.23	30.27	34	40	32	35.3	W.	Clear	
3	30.24	30.17	30.30	32	40	41	37.7	S. W.	Rain	0.05
4	30.05	29.94	29.90	41	59	54	51.3	S. W.	Clear	
5	29.87	29.81	29.75	51	63	53	55.7	W'ly	Clear	
6	29.70	29.52	29.52	55	61	49	55.0	W'ly	Cl'dy, spr.	
7	29.60	29.65	29.76	39	38	25	34.0	N. W.	Variable	
8	29.75	29.66	29.47	21	34	29	28.0	N. E.	Cloudy	
9	29.33	29.35	29.40	29	40	29	32.7	N. W.	Clear	
10	29.34	29.24	29.15	31	41	31	34.3	Var.	Cloudy	
11	29.25	29.41	29.73	18	15	10	14.3	N. W.	Clear	
12	29.76	29.81	29.96	12	23	14	16.3	W'ly	Clear	
13	29.94	29.85	29.76	13	29	27	23.0	S. W.	Clear	
14	29.54	29.47	29.84	20	37	19	25.3	W'ly	Clear	
15	30.04	30.05	29.81	14	23	25	20.7	W'ly	Clear	
16	29.05	29.07	29.51	47	47	28	40.7	W'ly	Snow & r'n	1.00
17	30.94	29.11	30.03	12	15	15	14.0	W'ly	Clear	
18	29.83	29.89	29.94	24	31	28	27.7	W'ly	Clear	
19	30.26	30.35	30.32	0	13	10	7.7	N. W.	Clear	
20	30.12	30.03	29.90	26	39	35	33.3	S'ly	Clear	
21	29.78	29.70	29.65	30	43	34	35.7	S'ly	Fog & mist	
22	29.66	29.71	29.80	31	36	33	33.3	N. E.	Mist	
23	29.82	29.83	29.87	35	38	33	35.3	E'ly	Mist	
24	29.80	29.73	29.52	33	37	35	35.0	E'ly	Mist	
25	29.00	29.93	29.15	34	35	32	33.7	N. W.	Clear	
26	29.41	29.58	29.82	27	27	22	25.3	W'ly	Clear	
27	29.94	29.94	29.83	22	33	30	28.3	W'ly	Clear	
28	29.68	29.74	30.02	32	35	18	28.3	W'ly	Clear	
29	30.10	30.07	29.94	19	34	32	28.3	S. W.	Clear	
30	29.66	29.56	29.52	40	50	42	44.0	S'ly	Clear	
31	29.38	29.37	29.58	27	29	13	23.0	N. E.	Snow	
Means	29.74	29.72	29.75	29.0	36.7	29.8	31.8	...	...	1.71
REDUCED TO SEA LEVEL.										
Max.	30.44	30.53	30.50	55	63	54	55.7			
Min.	29.18	29.11	29.33	0	13	10	7.7			
Mean	29.92	29.90	29.93							
Range	1.26	1.42	1.17	55	50	44	48.0			
Mean of month			29.910	...	...	...	31.8			
Extreme range			1.42	...	...	...	63.0			

REMARK.

The general barometric mean only for this month is corrected for temperature, there being no record of the attached thermometer for the separate observations.

February, 1833.

DAYS.	BAROMETER, REDUCED TO 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS.	WEATHER.	RAIN AND SNOW IN INCHES OF WATER.
1	29.63	...	...	10	20	11	13.7	N. W.		
2	29.80	...	...	5	18	15	12.7	N. W.		
3	29.73	...	...	11	23	15	16.3	N. W.		
4	29.77	...	...	10	22	19	17.0	N. W.		
5	29.77	...	...	15	27	19	20.3	N. W.		
6	29.63	...	...	24	34	...	...	S. E.		
7	29.41	...	...	2	13	9	8.0	N. W.		
8	29.87	...	...	5	19	16	13.3	N. W.		
9	29.62	...	...	26	33	29	29.3	N. W.		
10	29.87	...	...	28	40	33	33.7	S. W.		
11	30.00	...	...	25	26	24	25.0	N. E.	Cloudy	
12	29.68	29.57	29.70	29	34	28	30.3	N. E.	Snow & r'n	1.05
13	29.74	29.61	29.29	24	31	29	28.0	N. E.	R'n & hail	
14	29.37	29.67	29.95	22	30	20	24.0	N. W.	Clear	
15	30.09	30.03	29.93	16	32	24	24.0	N. E.	Cloudy	
16	30.02	30.02	30.01	20	31	24	25.0	N. W.	Clear	
17	29.89	29.82	29.71	23	41	31	31.7	S. W.	Clear	
18	29.46	29.30	29.43	35	45	36	38.7	S. W.	Variable	
19	29.43	29.41	29.45	34	43	37	38.0	S. W.	Variable	
20	29.45	29.46	29.63	34	46	27	35.7	W'ly	Variable	
21	29.81	29.79	29.86	17	23	20	20.0	N. W.	Clear	
22	29.86	29.73	29.67	22	41	34	31.7	W'ly	Clear	
23	29.66	29.77	29.95	30	45	24	33.0	N. W.	Clear	
24	29.78	29.48	29.21	28	34	16	26.0	N. E.	R'n & snow	0.50
25	29.49	29.66	29.99	5	13	9	9.0	N. W.	Clear	
26	30.15	30.11	29.92	8	28	29	21.7	S. W.	Clear	
27	29.70	29.57	29.87	36	39	20	31.7	W'ly	Variable	
28	30.04	30.11	30.10	13	20	16	16.3	W'ly	Variable	
Means	29.74	29.71	29.75	19.9	30.4	28.0	...	...	...	1.55
REDUCED TO SEA LEVEL.										
Max.	30.33	30.29	30.28	36	46	36	38.7			
Min.	29.55	29.59	29.47	2	13	9	8.0			
Mean	29.92	29.89	29.93							
Range	0.78	0.70	0.81	34	33	27	30.7			
Mean of month			29.913	...	...	...	26.1			
Extreme range			0.86	...	...	...	44.0			

March, 1833.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean			
1	29.95	29.79	29.60	14	17	11	14.0	N. E.	Snow	0.36
2	29.45	29.40	29.75	9	24	—2	10.3	N. W.	Clear	
3	29.91	29.77	29.54	—4	15	18	9.7	W'ly	Variable	
4	29.64	29.72	29.97	11	29	7	12.7	N. W.	Clear	
5	30.13	30.13	29.94	—1	11	12	7.3	W'ly	Clear	
6	29.60	29.58	29.79	12	22	20	18.0	N. E.	Snow	0.14
7	29.90	29.89	29.73	10	34	23	22.3	W.	Variable	
8	29.68	29.61	29.51	27	46	33	34.3	S. W.	Variable	
9	29.47	29.49	29.56	31	41	30	34.0	W.	Clear	
10	29.69	29.78	29.96	30	44	28	34.0	W'ly	Variable	
11	30.02	30.06	30.07	24	33	29	28.7	N. E.	Snow	0.15
12	30.06	29.93	29.76	29	44	40	37.7	N. E.	Mist & rain	0.32
13	29.63	29.67	29.98	38	34	20	30.7	N. W.	Variable	
14	30.13	30.19	30.14	17	30	26	24.3	N'ly	Clear	
15	29.97	29.91	30.02	32	44	32	36.0	S. W'ly	Variable	
16	30.12	30.16	30.26	29	39	26	31.3	W'ly	Clear	
17	30.29	30.28	30.20	20	37	28	28.3	S. W'ly	Clear	
18	30.03	29.92	29.87	39	47	40	42.0	S. W.	Variable	
19	29.85	29.85	29.95	38	48	42	42.7	S. W.	Clear	
20	29.96	29.90	29.75	38	49	43	43.3	S. E'ly	Rain	0.80
21	29.61	29.53	29.36	41	61	51	51.0	S'ly	Variable	
22	29.33	29.34	29.43	44	57	40	47.0	N'ly	Clear	
23	29.63	29.47	29.69	36	54	40	43.3	W'ly	Clear	
24	29.69	29.63	29.55	34	55	40	43.0	S'ly	Clear	
25	29.40	29.34	29.38	35	43	39	39.0	N. E.	Rain	0.20
26	29.49	29.49	29.67	39	42	33	38.0	N. W.	Clear	
27	29.75	29.75	29.77	24	40	29	31.0	N. W.	Clear	
28	29.78	29.71	29.65	23	35	28	28.7	N. W.	Clear	
29	29.60	29.48	29.55	23	43	32	32.7	N. W.	Clear	
30	29.62	29.58	29.76	30	48	38	38.7	N. W.	Clear	
31	29.82	29.74	29.75	38	60	50	49.3	W'ly	Clear	
Means	29.78	29.74	29.77	26.1	39.3	29.9	31.7	...	...	1.97
REDUCED TO SEA LEVEL.										
Max.	30.47	30.46	30.44	44	61	51	51.0			
Min.	29.51	29.52	29.54	—4	11	—2	7.3			
Mean	29.96	29.92	29.95							
Range	0.96	0.94	0.90	48	50	53	44.7			
Mean of month			29.943	...	...	...	31.7			
Extreme range			0.96	...	...	...	65.0			

April, 1833.

DAYS.	BAROMETER, REDUCED TO 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS.	WEATHER.	RAIN AND SNOW IN INCHES OF WATER.
1	29.79	29.75	29.79	41	68	54	54.3	W'ly	Clear	
2	29.82	29.89	29.88	41	66	42	49.7	W'ly	Clear	
3	29.87	29.83	29.75	37	63	47	49.0	S. W.	Clear	
4	29.59	29.48	29.45	49	58	53	53.3	S'ly	Rain	0.46
5	29.48	29.38	29.59	48	65	43	52.0	S'ly	Variable	
6	29.73	29.78	29.88	38	58	43	46.3	N'ly	Clear	
7	29.96	29.95	29.89	38	62	42	47.3	S'ly	Clear	
8	29.63	29.45	29.42	47	57	48	50.7	S. E'ly	Rain	2.56
9	29.45	29.48	29.68	46	59	47	50.7	N. W.	Clear	
10	29.76	29.78	29.80	48	58	45	50.3	N'ly	Clear	
11	29.83	29.72	29.55	40	55	45	46.7	S. W'ly	Clear	
12	29.35	29.22	29.26	48	61	47	52.0	S'ly	Rain	0.15
13	29.27	29.34	29.48	42	45	36	41.0	N. W.	Clear	
14	29.57	29.57	29.76	33	50	43	42.0	N. W'ly	Clear	
15	29.99	30.10	...	26	42	30	32.7	N. E.	Variable	
16	30.16	30.11	30.04	27	46	36	36.3	N. E.	Clear	
17	...	29.84	29.84	35	45	41	40.3	N. E.	Cloudy	
18	29.87	29.89	...	37	64	49	50.0	N. W.	Clear	
19	30.13	...	30.08	36	62	42	46.3	S'ly	Clear	
20	...	29.86	29.85	40	70	55	55.0	S'ly	Clear	
21	...	29.65	29.52	40	72	54	55.3	S'ly	Clear	
22	...	29.64	29.75	50	62	47	53.0	N. W.	Clear	
23	29.42	29.44	29.55	44	60	39	47.7	S'ly	Cloudy	
24	29.68	29.80	29.87	36	40	31	35.7	N. E.	Cloudy	
25	29.90	29.89	29.89	29	60	43	44.0	N. W'ly	Clear	
26	29.90	29.93	30.03	38	55	38	43.7	N. E'ly	Clear	
27	30.11	30.10	30.08	31	54	38	41.0	N. E'ly	Clear	
28	30.03	29.93	29.87	38	67	53	52.7	N'ly	Clear	
29	29.82	29.75	29.74	53	79	66	66.0	W'ly	Clear	
30	29.75	29.75	30.00	58	82	50	63.3	W'ly	Clear	
Means	29.76	29.73	29.76	40.5	59.5	44.9	48.3	...	...	3.17
REDUCED TO SEA LEVEL.										
Max.	30.34	30.29	30.26	58	82	66	66.0			
Min.	29.45	29.40	29.44	26	40	30	32.7			
Mean Range	0.89	0.89	0.82	32	42	36	33.3			
Mean of month			29.930	...	...	...	48.3			
Extreme range			0.94	...	...	...	56.0			

May, 1833.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean			
1	30.02	29.96	29.91	47	65	47	53.0	N. E.	Variable	
2	29.78	29.69	29.88	53	76	51	60.0	W'ly	Clear	
3	30.02	29.94	30.00	38	62	42	47.3	N. E'ly	Clear	
4	30.07	30.07	30.01	38	59	49	49.0	S. W'ly	Variable	
5	29.97	29.94	29.96	46	52	48	48.7	N. E.	Rain	0.05
6	29.97	29.94	29.87	42	64	52	52.7	W'ly	Clear	
7	29.88	29.76	29.76	52	81	63	65.3	W'ly	Variable	
8	29.72	29.61	29.65	63	77	64	68.0	S. W'ly	Variable	
9	29.71	29.78	29.94	62	66	50	59.3	N'ly	Variable	
10	30.02	30.06	30.04	41	60	47	49.3	E'ly	Variable	
11	29.94	29.84	29.88	46	73	60	66.3	E'ly	Fair	
12	29.89	29.85	29.80	61	72	64	65.7	S. W.	Cloudy	
13	29.83	29.77	29.83	62	73	64	66.3	S. W'ly	Variable	
14	29.89	29 89	29.84	63	58	63	61.3	N. E.	Rain	0.06
15	29.75	29.79	29.93	63	70	63	65.3	S. W.	Rain	0.40
16	30.01	29.97	29.95	53	54	49	52.0	N. E.	Rain	0.60
17	29.86	29.80	29.73	50	64	63	59.0	N'ly	Variable	
18	29.71	29.61	29.58	62	82	65	69.7	W'ly	Clear	
19	29.54	29.50	29.62	64	87	71	74.0	W'ly	Variable	
20	29.71	29.79	29.77	50	55	49	51.3	N. E.	Cloudy	
21	29.59	29.51	29.50	49	66	62	59.0	S'ly	Rain	0.53
22	29.55	29.60	29.74	62	75	62	66.3	W'ly	Clear	
23	29.82	29.89	29.94	58	69	63	63.3	W'ly	Variable	
24	30.08	30.12	30.12	52	66	51	56.0	N. E.	Clear	
25	30.10	30.02	29.90	45	68	54	55.7	S'ly	Clear	
26	29.70	29.61	29.65	58	66	56	63.3	S'ly	Rain	0.35
27	29.72	29.75	29.80	53	64	55	57.3	N. E'ly	Cloudy	
28	29.81	29.85	29.87	51	77	56	61.3	N. E'ly	Variable	
29	29.83	29.72	29.53	54	67	57	59.3	N. E'ly	Variable	
30	29.42	29.48	29.70	60	66	55	60.3	W'ly	Clear	
31	29.71	29.72	29.78	50	72	58	60.0	W'ly	Clear	
Means	29.83	29.80	29.82	53.2	67.9	56.2	59.1	...	...	0.99
REDUCED TO SEA LEVEL.										
Max.	30.28	30.30	30.30	64	87	71	74.0			
Min.	29.60	29.66	29.68	38	52	42	47.3			
Mean Range	30.01 0.68	29.97 0.64	30.00 0.62	26	35	29	26.7			
Mean of month			29.993	...	...	...	59.1			
Extreme range			0.70	...	...	...	49.0			

June, 1833.

DAYS.	BAROMETER, REDUCED TO 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS.	WEATHER.	RAIN AND SNOW IN INCHES OF WATER.
1	29.84	29.81	29.87	54	75	61	63.3	W'ly	Clear	
2	29.81	29.60	29.50	61	76	63	66.7	S'ly	Cloudy	0.05
3	29.41	29.47	29.74	68	75	51	64.7	W'ly	Clear	
4	29.88	29.88	29.92	46	68	55	56.3	W'ly	Clear	
5	29.97	29.93	29.89	57	75	58	63.3	W'ly	Clear	
6	29.82	29.75	29.70	58	75	60	64.3	W'ly	Clear	
7	29.62	29.54	29.52	61	79	61	67.0	S. W'ly	Variable	
8	29.56	29.54	29.49	55	66	54	58.3	N'ly	Variable	
9	29.28	29.28	29.42	54	59	50	54.3	W'ly	Clear	
10	29.41	29.31	29.37	46	69	50	55.0	W'ly	Variable	0.05
11	29.35	29.37	29.53	50	61	54	55.0	W'ly	Variable	
12	29.60	29.63	29.76	50	70	56	58.7	W'ly	Clear	
13	29.80	29.75	29.61	53	75	64	64.0	S. W'ly	Shower	0.20
14	29.48	29.43	29.48	66	83	68	72.3	W'ly	Clear	
15	29.54	29.51	29.46	62	75	64	67.0	W'ly	Clear	
16	29.38	29.40	29.43	65	77	64	68.7	W'ly	Clear	
17	29.47	29.54	29.68	60	69	60	63.0	W'ly	Clear	
18	29.81	29.87	29.91	56	71	58	61.7	W'ly	Clear	
19	29.91	29.88	29.90	57	81	59	65.7	W'ly	Clear	
20	29.90	29.93	29.89	60	68	65	64.3	S. W'ly	Rain	0.15
21	29.85	29.86	29.80	66	75	66	69.0	S. W'ly	Rain	2.40
22	29.65	29.68	29.70	62	74	59	65.0	W'ly	Clear	
23	29.71	29.69	29.71	60	81	59	66.7	N. E'ly	Clear	
24	29.69	29.65	29.57	58	69	62	63.0	N. E'ly	Rain	0.80
25	29.41	29.30	29.39	59	62	54	58.3	S. E'ly	Rain	
26	29.48	29.54	29.60	50	66	53	56.3	W'ly	Variable	
27	29.68	29.70	29.81	54	63	54	57.0	W'ly	Rain & hail	0.46
28	29.82	29.81	29.78	52	71	60	61.0	W'ly	Clear	
29	29.83	29.83	29.84	55	75	63	64.3	W'ly	Clear	
30	29.85	29.84	29.77	61	81	64	68.7	W'ly	Clear	
Means	29.67	29.63	29.67	57.2	72.1	59.0	62.8	...	...	4.81
REDUCED TO SEA LEVEL.										
Max.	30.15	30.11	30.10	66	83	68	72.3			
Min.	29.46	29.46	29.55	46	61	50	54.3			
Mean Range	29.85 0.69	29.81 0.65	29.85 0.55	20	22	18	18.0			
Mean of month			29.837	...	...	...	62.8			
Extreme range			0.69	...	...	...	37.0			

July, 1833.

	Sunrise.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.			
1	29.72	29.70	29.71	67	88	71	75.3	W'ly	Clear	
2	29.67	29.60	29.55	68	81	72	73.7	W'ly	Clear	
3	29.58	29.67	29.67	71	82	67	73.3	N. W'ly	Rain	0.66
4	29.71	29.76	29.86	63	77	66	68.7	W'ly	Clear	
5	29.97	29.96	29.99	61	74	64	66.3	W'ly	Clear	
6	30.01	29.98	29.92	60	76	67	67.7	W'ly	Clear	
7	29.83	29.75	29.71	67	80	70	72.3	W'ly	Variable	
8	29.68	29.61	29.56	63	84	77	74.7	S. W'ly	Variable	
9	...	29.54	29.68	73	78	62	71.0	W'ly	Variable	
10	29.79	29.82	29.82	68	77	65	70.0	W'ly	Clear	
11	29.78	29.68	29.60	63	76	66	68.3	W'ly	Clear	
12	29.55	29.56	29.69	64	79	68	70.3	W'ly	Clear	
13	29.85	29.84	29.83	62	82	68	70.7	W'ly	Clear	
14	29.79	29.70	29.62	70	85	74	76.3	S. W'ly	Variable	
15	29.57	29.59	29.66	72	79	69	73.3	W'ly	Clear	
16	29.68	29.68	29.63	62	75	65	67.3	W'ly	Clear	
17	29.65	29.69	29.79	65	74	64	67.3	W'ly	Clear	
18	29.82	29.85	...	57	74	57	62.7	W'ly	Clear	0.05
19	29.99	29.99	30.00	56	76	66	66.0	W'ly	Clear	
20	29.98	30.00	30.02	65	71	64	66.7	S'ly	Clear	
21	30.00	29.98	29.92	65	76	69	70.0	S. W'ly	Clear	
22	...	29.80	29.91	69	90	78	79.0	W'ly	Clear	
23	30.01	29.98	29.97	66	81	67	71.3	N. E'ly	Clear	
24	29.87	29.71	29.73	67	91	78	78.7	W'ly	Clear	
25	29.92	29.95	...	66	76	64	68.7	W'ly	Clear	
26	30.08	30.04	29.98	56	79	63	66.0	N. W.	Clear	
27	29.88	29.72	29.57	61	83	74	72.7	W'ly	Clear	
28	29.60	29.73	29.92	70	73	60	67.7	W'ly	Clear	
29	29.94	29.88	29.84	56	70	66	64.0	W'ly	Clear	
30	29.58	29.48	29.61	69	76	64	69.7	S. W.	Rain	0.40
31	29.74	29.78	29.79	58	72	60	63.3	W'ly	Clear	
Means	29.80	29.77	29.78	64.5	78.6	67.3	70.1	...	...	1.11
REDUCED TO SEA LEVEL.										
Max.	30.26	30.22	30.20	73	91	78	79.0			
Min.	29.73	29.66	29.73	56	70	60	62.7			
Mean Range	29.97 0.53	29.91 0.56	29.95 0.47	17	21	18	16.3			
Mean of month			29.943	...	...	...	70.1			
Extreme range			0.60	...	...	...	35.0			

August, 1833.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS.	WEATHER.	RAIN AND SNOW IN INCHES OF WATER.
1	29.73	29.69	29.70	58	76	65	66.3	W'ly	Clear	
2	29.71	29.74	29.85	64	77	61	67.3	N. E'ly	Variable	
3	29.89	29.89	29.85	57	74	64	68.3	S. W'ly	Clear	
4	29.82	29.91	29.94	65	75	67	69.0	W'ly	Clear, sh.	1.00
5	29.88	29.88	29.90	65	75	70	70.0	W'ly	Clear	
6	29.90	29.83	29.78	69	78	72	73.0	S. W'ly	Va'ble, sh.	0.15
7	29.77	29.73	29.79	67	84	74	75.0	S. W'ly	Variable	
8	29.86	29.86	29.88	64	72	61	65.7	W'ly	Clear	
9	29.71	28.69	29.81	58	62	52	57.3	N. E.	Rain	0.20
10	29.87	29.86	29.87	52	72	62	62.0	N. W.	Clear	
11	29.86	29.85	29.84	60	76	62	66.0	W'ly	Clear	
12	29.78	29.74	29.68	61	79	70	70.0	S. W.	Clear	
13	29.52	29.48	29.49	72	81	74	75.7	S. W.	Rain	0.40
14	29.57	29.59	29.64	71	80	68	73.0	W'ly	Clear	
15	29.68	29.71	29.73	60	77	70	69.0	W'ly	Variable	
16	29.76	29.79	29.84	67	80	68	71.7	S W'ly	Variable	
17	29.83	29.81	29.76	65	77	62	68.0	N'ly	Variable	
18	29.76	29.78	29.79	59	72	60	63.7	N. W.	Variable	
19	29.86	29.84	29.88	57	71	65	64.3	W'ly	Clear	
20	29.96	29.98	30.01	58	77	64	66.3	W'ly	Clear	
21	29.99	29.98	29.95	57	74	63	64.7	W'ly	Variable	
22	29.91	29.82	29.78	57	76	70	64.3	S. W'ly	Variable	
23	29.70	29.68	29.85	69	62	58	63.3	N. E.	Cloudy	
24	29.95	29.97	29.97	58	70	58	62.0	W'ly	Clear	
25	29.95	29.90	29.85	60	74	67	67.0	W'ly	Clear	
26	29.81	20.73	29.69	68	82	71	73.7	W'ly	Clear	
27	29.68	29.48	29.51	69	86	74	75.7	W'ly	Clear	
28	29.58	29.66	29.75	62	67	54	61.0	W'ly	Clear	
29	29.76	29.75	29.82	47	66	48	53.7	N. E'ly	Va'ble, sh.	0.40
30	29.93	29.97	30.00	45	68	57	56.7	W'ly	Clear	
31	29.90	29.79	29.70	61	67	66	64.7	S. W'ly	Cloudy	
Means	29.80	29.79	29.80	61.3	74.4	64.4	66.7	...	...	2.15
REDUCED TO SEA LEVEL.										
Max.	30.17	30.16	30.19	72	86	74	75.7			
Min.	29.70	29.66	29.67	45	62	48	53.7			
Mean	29.97	29.96	29.97							
Range	0.47	0.50	0.52	27	24	26	22.0			
Mean of month	29.967			...	...	...	66.7			
Extreme range	0.53			...	...	...	41.0			

September, 1833.

	Sun-rise.	At 1 P. M.	At 10 P. M.	Sun-rise.	At 1 P. M.	At 10 P. M.	Daily mean.			
1	29.59	29.55	29.74	68	76	55	66.3	W'ly	Variable	
2	29.80	29.83	29.94	57	66	51	54.7	W'ly	Clear	
3	29.98	29.94	29.90	44	68	61	57.7	W'ly	Clear	
4	29.80	29.73	29.75	61	76	67	68.0	S'ly	Cloudy	
5	29.70	29.68	29.77	68	86	74	76.0	W'ly	Clear	
6	29.85	29.84	29.84	63	79	67	69.7	W'ly	Clear	
7	29.89	29.91	29.93	62	75	64	67.0	W'ly	Variable	
8	29.93	29.90	29.94	54	63	57	58.0	N. E.	Rain	0.15
9	30.00	30.00	29.95	56	66	57	59.7	N. E.	Variable	
10	29.80	29.65	29.65	60	72	64	65.3	S. W'ly	Rain	0.25
11	29.76	26.79	29.87	56	69	55	60.6	W'ly	Clear	
12	29.96	29.94	29.98	48	67	49	54.7	W'ly	Va'ble, sh.	0.12
13	30.03	30.05	30.06	43	55	43	47.0	N. W'ly	Clear	
14	30.02	29.88	29.85	40	64	51	51.7	N. W.	Clear	
15	29.85	29.84	29.82	47	67	58	57.3	W'ly	Clear	
16	29.91	29.94	30.05	54	63	50	55.7	W'ly	Clear	
17	30.07	30.07	30.02	43	66	56	55.0	S. W'ly	Clear	
18	29.95	29.85	29.78	57	64	65	62.0	S. W'ly	Rain	0.35
19	29.80	29.74	29.76	67	80	66	71.0	W'ly	Va'ble, sh.	0.10
20	29.72	29.69	29.67	67	85	71	74.3	W'ly	Variable	
21	29.68	29.72	29.84	69	66	60	65.0	W'ly	Rain	0.56
22	29.97	30.02	30.04	50	61	52	54.3	N'ly	Variable	
23	30.06	...	29.88	44	...	52	...	N. E.	Variable	
24	29.71	29.70	29.71	49	66	54	56.3	N. W'ly	Clear	
25	29.77	29.74	29.80	51	73	61	61.7	W'ly	Clear	
26	29.69	29.63	29.58	61	76	64	67.0	W'ly	Clear	
27	29.57	29.58	29.75	63	79	65	69.0	W'ly	Clear	
28	29.97	29.97	30.00	51	66	54	57.0	W'ly	Clear	
29	29.90	...	29.82	64	...	68	...	S. W'ly	Cloudy	
30	29.95	29.95	30.08	62	76	59	65.7	W'ly	Clear	
Means	29.86	29.83	29.86	56.0	70.4	59.0	...	...	...	1.53
REDUCED TO SEA LEVEL.										
Max.	30.23	30.25	30.24	69	86	74	76.0			
Min.	29.75	29.73	29.76	40	55	43	47.0			
Mean	30.04	30.00	30.04							
Range	0.48	0.52	0.48	29	31	31	29.0			
Mean of month	30.027			...	...	...	61.8			
Extreme range	0.52			...	...	...	46.0			

REMARKS.

6th. Drought severe; wells and springs very low.

14th. Frost in some places in the vicinity.

October, 1833.

DAYS.	BAROMETER, REDUCED TO 32° F. Sun-rise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sun-rise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS	WEATHER.	RAIN AND SNOW IN INCHES OF WATER.
1	30.17	30.09	29.96	48	62	52	54.0	N. E.	Cloudy	
2	29.70	29.54	29.60	65	69	60	64.7	E'ly	Rain	0.86
3	29.73	29.69	29.84	50	68	52	53.3	W'ly	Clear	
4	29.98	30.03	30.22	47	61	46	56.7	W'ly	Clear	
5	30.33	30.32	30.31	38	65	46	49.7	W'ly	Clear	
6	30.22	30.14	30.08	44	65	56	55.0	S. W'ly	Variable	
7	30.05	30.02	30.00	52	66	60	59.3	S. W'ly	Variable	
8	29.85	29.50	29.30	63	66	64	64.3	S. E'ly	Rain	1.18
9	29.46	29.59	29.72	58	72	58	62.7	N. W.	Clear	
10	29.66	29.60	29.60	56	67	52	58.3	W'ly	Clear	
11	29.86	29.92	30.02	37	49	38	41.3	W'ly	Clear	
12	30.05	29.92	29.62	34	57	56	49.0	N. E'ly	Cloudy	
13	29.19	28.98	29.32	58	56	50	54.7	E'ly	Rain	1.30
14	29.64	29.76	29.87	44	56	46	48.7	W'ly	Clear	
15	29.97	29.92	29.86	43	60	54	52.3	S. W'ly	Variable	
16	29.79	29.72	29.71	60	67	64	63.7	S. W'ly	Rain	0.10
17	29.65	29.61	29.49	63	73	68	68.0	S. W'ly	Cloudy	
18	29.55	29.61	29.93	59	61	45	65.0	W'ly	Clear	
19	30.04	30.13	30.23	37	52	42	43.7	W'ly	Variable	
20	30.23	30.13	30.10	37	40	40	39.0	N. E.	Rain	1.25
21	29.97	29.88	29.83	40	45	46	43.7	N. E.	Rain	1.00
22	29.63	29.57	29.62	49	60	49	52.7	S'ly	Rain	0.29
23	29.79	29.79	29.79	39	54	44	45.7	W'ly	Clear	
24	29.72	29.62	29.52	44	61	56	53.7	S. W'ly	Variable	
25	29.46	29.39	29.43	53	59	50	54.0	W'ly	Variable	
26	29.51	29.57	29.68	41	55	43	46.3	W'ly	Clear	
27	29.74	29.65	29.57	38	56	55	49.7	S. W'ly	Variable	
28	29.52	29.52	29.60	42	49	37	42.7	W'ly	Clear	
29	29.67	29.66	29.75	28	42	29	32.3	W'ly	Clear	
30	29.84	29.90	30.10	25	39	28	30.7	N. W.	Clear	
31	30.22	30.19	30.25	25	37	26	29.3	N. W.	Clear	
Means	29.81	29.77	29.80	45.7	57.7	48.8	...	...	...	5.98
REDUCED TO SEA LEVEL.										
Max.	30.51	30.50	30.49	65	73	68	68.0			
Min.	29.37	29.16	29.48	25	37	26	29.3			
Mean	29.99	29.94	29.98							
Range	1.14	1.34	1.01	40	36	42	38.7			
Mean of month	29.970			...	...	...	50.7			
Extreme range	1.35			...	...	...	48.0			

REMARKS.

First white frost in the college yard on the 5th.

Sharp frost on the 10th.

November, 1833.

	Sun-rise.	At 1 P. M.	At 10 P. M.	Sun-rise.	At 1 P. M.	At 10 P. M.	Daily mean.			
1	30.26	30.22	29.82	24	41	44	36.3	W'ly	Clear	
2	29.74	29.76	29.86	41	54	41	45.3	S. W'ly	Variable	
3	29.97	30.04	30.09	30	38	26	31.3	N. W.	Clear	
4	30.15	30.09	30.24	19	34	24	25.7	N. W.	Clear	
5	30.30	30.32	30.26	20	36	28	28.0	N. W.	Clear	
6	30.26	30.20	29.92	23	43	39	35.0	W'ly	Variable	
7	30.00	29.99	30.07	33	54	44	43.7	W'ly	Clear	
8	30.10	30.02	29.90	44	60	51	51.7	S. W'ly	Variable	
9	29.72	29.57	29.40	57	66	60	61.0	S. W'ly	Variable	
10	29.62	29.68	29.86	46	56	44	48.7	N. W.	Clear	
11	29.98	29.98	29.74	35	60	54	49.7	W'ly	Clear, rain	0.30
12	29.43	29.32	29.51	56	63	43	54.0	W'ly	Variable	
13	29.57	29.63	29.73	38	45	35	49.3	W'ly	Clear	
14	29.08	29.63	29.48	35	56	53	48.0	S. W'ly	Var., rain	0.40
15	29.28	29.14	29.41	46	49	37	44.0	W'ly	Variable	
16	29.56	29.55	29.55	30	52	30	37.3	W'ly	Clear	
17	29.55	29.54	29.61	24	39	32	31.7	W'ly	Clear	
18	29.70	29.75	29.91	26	39	28	31.0	W'ly	Variable	
19	29.96	29.93	30.00	22	34	27	27.7	W'ly	Clear	
20	30.16	30.23	30.34	26	27	18	23.7	W'ly	Clear	
21	30.36	30.32	30.22	14	36	33	27.7	W'ly	Clear	
22	30.01	29.70	29.48	39	46	46	43.7	S. E'ly	Rain	1.60
23	29.57	29.64	29.71	37	46	38	40.3	W'ly	Clear	
24	29.91	29.90	29.94	35	43	37	38.3	W'ly	Variable	
25	29.79	29.60	29.36	32	33	34	33.0	N. E.	Snow & r'n	1.30
26	29.57	29.62	29.86	27	30	21	26.0	N'ly	Cloudy	
27	29.92	29.74	29.73	26	36	34	32.0	W'ly	Variable	
28	29.96	29.95	30.08	31	31	22	28.0	W'ly	Clear	
29	30.08	30.09	30.12	20	34	30	28.0	W'ly	Variable	
30	30.05	29.95	29.82	32	36	35	34.3	N. E.	Snow & r'n	0.90
Means	29.85	29.84	29.83	32.3	43.9	36.2	...	...	...	4.50
REDUCED TO SEA LEVEL.										
Max.	30.54	30.50	30.52	57	66	60	61.0			
Min.	29.26	29.32	29.59	14	27	18	23.7			
Mean	30.03	30.02	30.01							
Range	1.28	1.18	0.93	43	39	42	37.3			
Mean of month	30.020			...	...	...	37.5			
Extreme range	1.28			...	...	...	52.0			

REMARK.

Very extraordinary shower of meteors on the morning of the 13th.

December, 1833.

DAYS.	BAROMETER, REDUCED TO 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS.	WEATHER.	RAIN AND SNOW IN INCHES OF WATER.
1	29.79	29.75	29.79	33	38	38	36.3	W'ly	Cloudy	
2	29.95	30.02	30.13	34	37	36	35.7	E'ly	Cloudy	
3	30.16	30.16	30.18	34	38	38	36.7	N. E.	Rain	0.06
4	30.16	30.14	30.15	33	36	33	34.0	N. E'ly	Cloudy	
5	30.15	30.12	30.15	32	42	38	37.3	W'ly	Variable	
6	30.15	30.14	30.22	35	38	26	33.0	N. W'ly	Clear	
7	30.30	30.31	30.38	23	35	31	29.7	W'ly	Clear	
8	30.31	30.17	29.76	31	37	43	37.0	E'ly	Rain	0.84
9	29.57	29.64	29.70	35	42	34	37.0	W'ly	Clear	
10	29.71	29.71	29.85	30	36	32	32.7	W'ly	Variable	
11	29.91	29.85	29.92	24	32	23	26.3	W'ly	Clear	
12	29.92	29.96	30.00	17	29	23	23.0	W'ly	Variable	
13	30.07	30.06	30.11	12	27	15	18.0	W'ly	Clear	
14	30.12	30.06	29.93	12	28	29	23.0	N. E.	Cloudy	
15	29.72	29.72	29.93	23	29	27	26.3	N. E.	Cloudy	
16	30.05	30.10	30.09	23	31	34	29.3	N. E'ly	Variable	
17	29.83	29.53	29.36	36	38	36	36.7	N. E.	Rain	1.85
18	29.46	29.47	29.66	39	40	31	36.7	N. E.	Misty	0.17
19	29.82	29.92	29.99	23	30	18	23.7	N. E'ly	Cloudy	
20	30.03	30.03	30.03	15	32	21	22.7	W'ly	Clear	
21	30.01	29.99	29.99	18	31	25	24.7	W'ly	Clear	
22	29.86	29.76	29.89	32	37	31	33.3	N. E'ly	Rain	0.70
23	30.00	30.03	30.03	26	34	33	31.0	N. E'ly	Clear	
24	29.73	29.48	29.57	33	38	31	34.0	N. E.	Rain	0.60
25	29.56	29.44	29.37	30	37	30	32.3	S. W'ly	Variable	
26	29.54	29.65	29.72	31	37	29	32.3	W'ly	Variable	
27	29.69	29.69	29.73	27	31	24	27.3	W'ly	Clear	
28	29.77	29.76	29.79	21	28	27	25.3	W'ly	Clear	
29	29.82	29.86	30.03	25	37	30	30.7	W'ly	Clear	
30	30.13	30.06	30.02	20	31	32	27.7	W'ly	Variable	
31	29.83	29.69	29.65	38	43	34	38.3	S. E'ly	Rain	0.45
Means	29.91	29.88	29.91	27.3	34.8	30.1	...	...	...	4.67
REDUCED TO SEA LEVEL.										
Max.	30.49	30.49	30.56	39	43	43	38.3			
Min.	29.64	29.65	29.64	12	27	15	18.0			
Mean	30.09	30.06	30.09							
Range	0.85	0.84	0.92	27	16	28	20.3			
Mean of month			30.080	...	...	...	30.7			
Extreme range			0.92	...	...	...	31.0			

January, 1834.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.			
1	29.78	29.85	29.98	31	37	25	29.3	N. W.	Clear	
2	29.90	29.62	29.38	22	35	46	34.3	S. E'ly	Rain	0.20
3	29.78	29.93	30.14	28	27	18	24.3	N. W.	Clear	
4	30.25	30.26	30.33	12	18	14	14.7	N. W.	Clear	
5	30.19	30.08	30.11	11	16	12	13.0	N. E'ly	Snow	0.05
6	30.14	30.01	29.76	6	18	11	11.7	N'ly	Variable	0.07
7	29.75	29.82	29.85	8	19	20	15.7	N. W'ly	Clear	
8	29.83	29.84	30.00	23	34	27	28.0	W'ly	Clear	
9	30.18	30.17	30.10	15	33	30	26.0	W'ly	Clear	
10	30.10	30.07	30.11	30	40	30	33.3	W'ly	Variable	
11	30.11	30.03	29.94	27	25	21	24.3	N. E.	Rain	0.80
12	29.68	29.49	29.32	24	31	31	28.7	N. E.	Snow	
13	29.59	29.79	30.07	30	27	21	26.0	W'ly	Clear	
14	30.18	30.10	30.14	16	30	21	22.3	W'ly	Clear	
15	30.33	30.38	30.48	16	21	13	16.7	W'ly	Clear	
16	30.51	30.45	30.36	10	30	26	22.0	W'ly	Clear	
17	30.13	29.90	29.78	32	44	46	40.7	S. W'ly	Rain	0.20
18	29.75	29.72	29.90	44	51	38	44.3	W'ly	Clear	
19	29.96	29.90	29.86	32	45	36	37.7	W'ly	Variable	
20	29.65	29.54	29.77	36	43	24	34.3	W'ly	Cloudy	
21	29.85	29.79	29.90	14	17	14	15.0	N. W.	Clear	
22	30.00	29.99	30.01	7	15	8	10.0	W'ly	Clear	
23	30.02	29.99	30.04	2	9	6½	5.8	N. W.	Clear	
24	30.06	30.05	30.15	3	11	5½	6.5	N. W.	Clear	
25	30.25	30.25	30.10	8	18	19	15.0	N'ly	Cloudy	
26	29.60	29.24	29.43	22	32	25	26.3	N. E'ly	Snow	0.25
27	29.58	29.58	29.78	18	22	14	18.0	N. W.	Clear	
28	29.92	29.89	29.93	10	28	22	20.0	N. W.	Clear	
29	30.35	30.39	30.52	18	21	18	19.0	N. E.	Clear	
30	30.40	30.20	30.03	17	38	32	29.0	E'ly	Cloudy	
31	29.93	29.88	29.97	31	34	26	30.3	W'ly	Clear	
Means	29.99	29.94	29.98	19.5	28.0	22.6	...	...	...	1.57
REDUCED TO SEA LEVEL.										
Max.	30.69	30.63	30.66	44	51	46				
Min.	29.76	29.42	29.56	2	9	5½				
Mean	30.17	30.12	30.16							
Range	0.93	1.21	1.10	42	42	40½				
Mean of month			30.150	...	...	...	23.3			
Extreme range			1.21	...	...	...	49.0			

REMARK.

18th. Frost quite out of the ground in many places.

February, 1834.

DAYS.	BAROMETER, REDUCED TO 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS.	WEATHER.	RAIN AND SNOW IN INCHES OF WATER.
1	30.02	29.97	29.87	23	35	33	30.3	N. E.	Cloudy	
2	29.80	29.84	29.98	28	41	32	33.7	W'ly	Clear	
3	30.11	30.06	29.85	30	40	33	34.3	S. W'ly	Clear	
4	29.60	29.53	29.55	31	47	39	39.0	W'ly	Clear	
5	29.61	29.56	29.55	34	45	38	39.0	W'ly	Variable	
6	29.65	29.81	29.95	32	35	22	29.7	N. W'ly	Clear	
7	29.96	30.00	30.19	13	15	8	12.0	N'ly	Snow	0.18
8	30.24	30.08	30.00	2	23	20	15.0	N. W.	Clear	
9	29.89	29.86	29.77	30	41	34	35.0	S. W'ly	Cloudy	
10	29.97	29.94	29.94	30	35	30	31.7	N. E.	Cloudy	
11	29.86	29.71	29.70	27	38	37	34.0	W'ly	Clear	
12	30.04	30.08	30.08	12	15	13	13.3	N. W.	Clear	
13	30.02	29.88	29.80	12	30	28	23.3	W'ly	Clear	
14	29.70	29.68	29.68	31	45	33	36.3	W'ly	Variable	
15	29.52	29.40	29.39	38	47	46	43.7	S. W.	Cloudy	
16	29.59	29.64	29.94	39	46	35	40.0	W'ly	Variable	
17	30.12	30.15	30.22	34	38	30	34.0	W'ly	Variable	
18	30.29	30.31	30.37	24	43	31	32.7	W'ly	Clear	
19	30.35	30.15	29.94	31	44	44	39.7	S. W'ly	Rain, var.	0.50
20	29.84	29.86	29.96	42	54	38	44.7	W'ly	Clear	
21	29.94	29.84	29.93	31	49	35	38.3	N. E'ly	Clear	
22	29.87	29.84	29.88	33	46	42	40.3	S. E'ly	Clear	
23	29.80	29.73	29.63	41	42	39	40.7	N. E'ly	Cloudy	
24	29.67	29.73	29.83	41	43	37	40.3	N. E'ly	Cloudy	
25	29.66	29.64	29.62	30	33	32	31.7	N. E'ly	Snow	0.45
26	29.67	29.76	29.93	22	29	21	24.0	N. W.	Clear	
27	29.96	29.86	29.77	23	40	30	31.0	W'ly	Clear	
28	29.66	29.56	29.62	27	45	36	36.0	W'ly	Clear	
Means	29.87	29.84	29.86	28.2	38.7	32.0	...	...	...	1.13
REDUCED TO SEA LEVEL.										
Max.	30.53	30.49	30.55	42	54	46	44.7			
Min.	29.70	29.58	29.57	2	15	8	12.0			
Mean	30.05	30.02	30.04							
Range	0.83	0.91	0.98	40	39	38	32.7			
Mean of month			30.037	...	...	...	33.0			
Extreme range			0.98	...	...	...	52.0			

March, 1834.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.			
1	29.68	29.59	29.57	32	43	34	36.3	N'ly	Clear	
2	29.46	29.35	29.47	33	39	28	33.3	S. E'ly	Snow	0.30
3	29.94	29.97	30.01	19	23	20	20.7	W'ly	Clear	
4	29.94	29.86	29.87	26	45	37	36.0	W'ly	Clear	
5	29.91	29.85	29.86	32	54	42	42.7	W'ly	Clear	
6	29.79	29.79	29.84	40	56	46	47.3	S. W'ly	Variable	
7	30.14	30.19	30.23	36	48	36	40.0	N. E'ly	Clear	
8	29.94	29.56	29.65	37	53	46	45.3	S. W.	Rain	0.38
9	30.01	30.08	30.26	32	38	27	32.3	N. W.	Clear	
10	30.49	30.36	30.30	18	35	26	26.3	N. W.	Clear	
11	30.14	29.93	29.77	29	46	42	39.0	W'ly	Variable	
12	29.73	29.59	29.59	36	57	42	45.0	W'ly	Variable	
13	29.90	29.92	29.94	31	41	30	34.0	W'ly	Clear	
14	30.09	29.99	29.91	22	38	32	30.7	S. W'ly	Clear	
15	29.81	29.77	29.86	28	35	32	31.7	N. E.	Snow	0.10
16	29.96	30.00	30.06	26	42	32	33.3	N. E.	Clear	
17	30.09	30.05	30.08	32	43	35	36.7	S. W'ly	Variable	
18	30.17	30.14	30.06	30	50	34	38.0	W'ly	Clear	
19	29.94	29.80	29.82	41	66	56	54.3	W'ly	Clear	
20	29.80	29.80	29.61	48	49	56	51.0	S. W.	Rain	0.32
21	29.46	29.54	29.65	51	46	25	40.7	N. W.	Clear	
22	29.68	29.66	29.77	20	24	22	22.0	N. W.	Clear	
23	29.78	29.70	29.68	18	39	35	30.7	W'ly	Clear	
24	29.66	29.71	29.82	32	44	36	37.3	S. W'ly	Variable	
25	29.88	29.71	29.43	32	37	35	34.7	N. E.	Rain	0.33
26	29.76	29.85	30.05	31	37	24	30.7	N. W.	Clear	
27	30.13	30.13	30.11	18	39	30	29.0	S. W'ly	Clear	
28	30.13	30.05	29.94	30	50	42	40.7	S. W'ly	Clear	
29	29.74	29.53	29.63	40	63	32	45.0	S. W'ly	Clear	
30	29.89	29.88	30.03	19	28	22	23.0	N. W.	Clear	
31	30.13	30.13	30.13	20	42	30	30.7	W'ly	Clear	
Means	29.91	29.85	29.87	30.3	43.5	34.4	...	...	...	1.43
REDUCED TO SEA LEVEL.										
Max.	30.67	30.54	30.48	51	66	56	54.3			
Min.	29.64	29.53	29.61	18	23	20	20.7			
Mean	30.09	30.03	30.05							
Range	1.03	1.01	0.87	33	43	36	33.6			
Mean of month			30.057	...	...	...	36.1			
Extreme range			1.14	...	...	...	48.0			

April, 1834.

DAYS.	BAROMETER, REDUCED TO 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS.	WEATHER.	RAIN AND SNOW IN INCHES OF WATER.
1	30.11	29.96	29.84	35	43	50	42.7	S. W.	Rain	0.75
2	29.68	29.73	29.89	52	56	44	50.7	S. W.	Rain	0.15
3	30.05	30.13	30.22	38	49	38	41.7	W'ly	Clear	
4	30.30	30.33	30.40	31	46	33	36.7	N. E.	Variable	
5	30.45	30.40	30.39	30	44	32	35.3	N. E.	Variable	
6	30.35	30.33	30.31	29	52	37	39.3	N. E.	Clear	
7	30.31	30.26	30.18	36	62	44	47.3	E'ly	Clear	
8	30.08	29.98	29.89	43	58	50	50.3	E'ly	Cloudy	
9	29.85	29.94	30.03	49	48	40	45.7	N. E.	Rain	0.50
10	30.07	30.10	30.13	37	48	36	40.3	N. E.	Variable	
11	30.10	30.11	30.10	33	61	44	46.0	N. E.	Clear	
12	30.07	30.00	29.93	42	70	57	56.3	S'ly	Clear	
13	29.89	29.84	29.76	55	75	65	65.0	W'ly	Clear	
14	29.81	29.73	29.70	48	60	54	54.0	S. W'ly	Clear	
15	29.59	29.54	29.51	54	75	65	64.7	W'ly	Clear	
16	29.50	29.49	29.49	55	75	55	61.7	W'ly	Clear	
17	29.44	29.49	29.69	51	75	48	58.0	S. W'ly	Clear	
18	29.91	29.94	29.96	37	57	38	44.0	N. E.	Clear	
19	29.98	29.86	29.77	36	56	46	46.0	S. W.	Rain	0.50
20	29.64	29.65	29.76	48	56	45	49.7	S. W'ly	Variable	
21	29.83	29.77	29.69	42	63	50	51.7	S. W'ly	Cloudy	
22	29.84	29.93	29.93	43	42	40	41.7	N. E.	Cloudy	
23	29.73	29.52	29.41	40	43	41	41.3	N. E.	Rain	0.35
24	29.38	29.53	29.64	44	50	38	44.0	N. W.	Clear	
25	29.66	29.60	29.54	34	51	39	41.0	S. W'ly	Variable	
26	29.54	29.50	29.47	29	51	38	39.3	S. W'ly	Clear	
27	29.36	29.20	29.11	37	35	33	35.0	S. W'ly	Snow & r'n	0.68
28	29.30	29.27	29.34	30	52	41	41.0	W'ly	Clear	
29	29.35	29.33	29.33	38	50	44	40.7	W'ly	Variable	
30	29.32	29.29	29.43	41	53	43	45.7	S. W'ly	Showery	0.20
Means	29.82	29.79	29.79	40.6	55.2	44.3	...	...	...	3.13
REDUCED TO SEA LEVEL.										
Max.	30.63	30.58	30.58	55	75	65	65.0			
Min.	29.48	29.38	29.29	29	35	32	35.0			
Mean	30.00	29.97	29.97							
Range	1.15	1.29	1.29	26	40	33	30.0			
Mean of month	29.980			...	...	...	46.7			
Extreme range	1.44			...	...	...	46.0			

REMARKS.

Severe frost on the morning of the 26th.

On the morning of the 28th, the ground was partially covered with sleet and snow.

May, 1834.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.			
1	29.42	29.52	29.62	40	62	49	50.3	W'ly	Clear	
2	29.62	29.63	29.71	42	63	47	50.7	W'ly	Clear	
3	29.76	29.81	29.86	41	64	51	52.0	W'ly	Clear	
4	29.89	29.88	29.95	48	65	48	53.7	W'ly	Clear	
5	29.97	29.88	29.79	42	64	46	44.0	S. E.	Va'ble, r'n	2.56
6	29.56	29.57	29.77	48	49	45	47.3	N. E'ly	Cloudy	
7	29.78	29.54	29.47	42	48	46	45.3	N. E.	Rain	0.75
8	29.58	29.56	29.52	44	62	55	53.0	S. W'ly	Variable	
9	29.64	29.70	29.72	48	62	52	54.0	W'ly	Clear	
10	29.52	29.52	29.58	49	45	44	46.0	N. E.	Rain	1.50
11	29.70	29.54	29.42	42	62	53	52.3	S. W'ly	Variable	
12	29.32	29.33	29.43	47	49	44	46.7	W'ly	Variable	0.08
13	29.49	29.55	29.59	38	57	37	44.0	W'ly	Variable	
14	29.69	29.76	29.75	32	55	41	42.7	W'ly	Clear	
15	29.73	29.83	29.99	30	42	40	37.3	N. W.	Clear	
16	30.02	30.01	30.04	31	57	45	44.3	W'ly	Clear	
17	30.05	30.05	30.07	38	...	50	...	W'ly	Clear	
18	30.12	30.12	30.08	47	68	56	57.0	W'ly	Clear	
19	29.99	29.90	29.83	53	78	62	64.3	W'ly	Clear	
20	29.85	29.91	29.93	60	69	55	61.3	N'ly	Clear	
21	29.90	29.80	29.80	52	78	66	65.3	S. W'ly	Clear	
22	29.88	29.89	29.96	58	66	53	59.0	S. E'ly	Clear	
23	29.92	29.90	29.86	53	64	49	55.3	N. E'ly	Cloudy	
24	29.76	29.66	29.65	48	71	66	61.7	S'ly	Variable	
25	29.63	29.69	29.73	64	67	53	61.3	N. E.	Cloudy	
26	29.70	29.70	29.65	52	73	57	60.7	S'ly	Variable	
27	29.63	29.61	29.69	54	75	57	55.3	S. W'ly	Variable	0.72
28	29.72	29.72	29.73	51	64	47	54.0	N. E.	Cloudy	
29	29.68	29.67	29.68	47	47	46	46.7	N. E.	Rain	
30	29.69	29.72	29.82	46	55	47	49.3	N. E.	Cloudy	
31	29.84	29.82	29.79	47	68	57	57.3	S. W'ly	Cloudy	
Means	29.74	29.73	29.76	46.3	61.6	50.5	...	...	...	5.61
REDUCED TO SEA LEVEL.										
Max.	30.30	30.30	30.26	60	78	66	65.3			
Min.	29.50	29.51	29.60	30	42	37	37.3			
Mean	29.92	29.90	29.94							
Range	0.80	0.79	0.66	30	36	29	28.0			
Mean of month	29.920			...	...	...	52.8			
Extreme range	0.80			...	...	...	48.0			

REMARK.

On the mornings of the 14th, 15th, and 16th, severe frost in many places in the vicinity, and in some ice one-eighth of an inch thick.

June, 1834.

DAYS.	BAROMETER, REDUCED TO 32° F. At 5 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 5 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS.	WEATHER.	RAIN AND SNOW IN INCHES OF WATER.
1	29.77	29.72	29.50	56	66	61	61.0	S. W'ly	Rain	0.58
2	29.30	29.13	29.35	61	74	53	62.7	W'ly	Variable	
3	29.37	29.39	29.55	47	64	53	54.7	W'ly	Clear	
4	29.61	29.56	29.51	48	71	55	58.0	S. W'ly	Clear	
5	29.35	29.28	29.47	54	55	52	53.7	N. E.	Rain	1.93
6	29.53	29.61	29.65	52	62	54	56.0	N'ly	Variable	
7	29.62	29.60	29.60	52	68	60	60.0	N. E'ly	Clear	
8	29.60	29.61	29.63	60	80	67	69.0	W'ly	Clear	
9	29.62	29.62	29.62	65	83	75	74.3	W'ly	Clear	
10	29.65	29.77	29.60	67	81	67	71.7	S. W'ly	Clear	
11	29.42	29.40	29.48	65	80	66	70.3	S. W'ly	Variable	0.08
12	29.54	29.61	29.71	53	71	60	61.0	W'ly	Clear	
13	29.69	29.69	29.60	57	69	59	61.7	W'ly	Variable	
14	29.62	29.67	29.87	54	69	53	58.7	W'ly	Clear	
15	29.87	29.84	29.84	50	71	59	60.0	S. W'ly	Clear	
16	29.83	29.77	29.80	57	64	57	59.3	S. E'ly	Rain	0.46
17	29.79	29.76	29.72	52	68	60	60.0	S. E'ly	Variable	
18	29.68	29.40	29.40	57	64	56	59.0	E'ly	Rain	1.30
19	29.35	29.35	29.42	59	71	63	64.3	S. W'ly	Variable	
20	29.48	29.49	29.54	60	74	62	64.7	W'ly	Variable	0.03
21	29.55	29.57	29.61	56	75	65	65.3	W'ly	Clear	
22	29.66	29.62	29.63	58	80	68	68.7	S. W'ly	Clear	
23	29.69	29.71	29.71	67	85	68	73.3	S. W'ly	Clear	
24	29.64	29.58	29.62	67	81	72	73.3	S. W'ly	Variable	
25	29.80	29.88	29.89	63	79	67	69.7	W'ly	Clear	
26	29.84	29.68	29.74	65	81	64	70.0	W'ly	Va'ble, sh'r	0.45
27	29.80	29.81	29.89	56	73	58	62.3	W'ly	Clear	
28	29.93	29.89	29.86	55	69	58	60.7	E'ly	Variable	
29	29.72	29.61	29.58	58	61	58	59.0	N. E.	Rain	0.20
30	29.65	29.69	29.84	57	74	63	64.7	E'ly	Variable	0.07
Means	29.63	29.61	29.64	57.6	72.1	62.1	...	...	...	5.10
REDUCED TO SEA LEVEL.										
Max.	30.11	30.07	30.07	67	85	75	74.3			
Min.	29.48	29.31	29.53	47	55	52	53.7			
Mean	29.81	29.78	29.82							
Range	0.63	0.76	0.54	20	30	23	20.6			
Mean of month	29.803			...	...	...	63.6			
Extreme range	0.80			...	...	...	38.0			

July, 1834.

	At 5 A. M.	At 1 P. M.	At 10 P. M.	At 5 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.			
1	29.92	29.93	29.86	61	70	61	64.0	E'ly	Misty	
2	29.79	29.71	29.64	64	82	71	72.3	S. W'ly	Rain	0.58
3	29.45	29.59	29.69	71	75	69	71.7	W'ly	Variable	
4	29.70	29.73	29.73	66	80	69	71.7	S. W'ly	Clear	
5	29.71	29.70	29.68	65	80	69	71.3	S'ly	Variable	
6	29.68	29.68	29.67	66	83	73	74.0	S. W'ly	Variable	
7	29.67	29.63	29.67	71	79	74	74.7	S. W'ly	Clear	
8	29.64	29.61	29.67	72	91	82	81.7	W'ly	Clear	
9	29.67	29.65	29.65	76	90	76	80.7	S. W'ly	Clear	
10	29.67	29.63	29.67	75	85	75	78.3	S. W'ly	Clear	
11	29.78	29.81	29.88	67	78	67	70.7	S. W'ly	Variable	
12	29.92	29 94	29.99	63	80	67	70.0	S. W'ly	Clear	
13	30.04	30.08	30.05	64	75	68	69.0	S'ly	Variable	7.00
14	29.91	29.91	29.91	68	82	75	75.0	W'ly	Clear	
15	29.90	29.80	29.81	74	87	76	79.0	W'ly	Clear	
16	29.79	29.74	29.76	74	87	75	78.7	S. W'ly	Clear	
17	29.72	29.63	29.60	74	88	67	76.3	W'ly	Clear	
18	29.88	29.96	30.04	63	72	65	66.6	E'ly	Variable	
19	30.11	30.14	30.15	58	75	61	64.7	N. E.	Clear	
20	30.16	30.13	30.05	57	80	62	65.3	N. E.	Clear	
21	29.96	29.85	29.74	58	78	70	68.7	S. W.	Variable	
22	29.64	29.64	29.72	68	84	74	75.3	W'ly	Clear	
23	29.75	29.77	29.77	68	82	71	73.7	N. W.	Clear	
24	29.74	29.77	29.73	66	80	70	72.0	N. E.	Clear	
25	29.68	29.64	29.64	70	88	84	80.7	S. W.	Clear	
26	29.65	29.64	29.64	78	93	80	83.7	S. W.	Clear	
27	29.63	29.61	29.68	77	90	78	81.7	W.	Clear	
28	29.75	29.76	29.77	76	79	72	75.7	W'ly	Clear	
29	29.71	29.63	29.69	70	78	68	72.0	S. W'ly	Variable	
30	29.79	29.83	29.80	55	72	61	62.7	N. W.	Clear	
31	29.75	29.66	29.66	56	73	66	65.0	S. W'ly	Clear	
Means	29.78	29.77	29.77	67.4	81.2	70.8	...	...	...	7.58
REDUCED TO SEA LEVEL.										
Max.	30.34	30.32	30.33	78	93	80	83.7			
Min.	29.73	29.77	29.78	55	70	61	62.7			
Mean	29.95	29.94	29.94							
Range	0.61	0.55	0.55	23	23	19	21.0			
Mean of month	29.943			...	...	...	73.1			
Extreme range	0.61			...	...	...	38.0			

REMARKS.

The rain on the night of the 12th was most unprecedented. My rain-gauge, holding 6 inches, was running over on the morning of the 13th. From the amount of water collected in open vessels, the whole quantity was judged to be 7 inches.

August, 1834.

DAYS.	BAROMETER, REDUCED TO 32° F. At 5 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 5 A. M.	At 1 P. M.	At 10 P. M	Daily mean.	WINDS.	WEATHER.	RAIN AND SNOW IN INCHES OF WATER.
1	29.68	29.73	29.79	63	77	68	69.3	W'ly	Clear	
2	29.80	29.68	29.71	64	83	72	73.0	W'ly	Clear	
3	29.69	29.69	29.73	65	82	69	72.0	E'ly	Clear	
4	29.70	29.68	29.77	65	84	69	72.7	S. W'ly	Clear	
5	29.71	29.64	29.64	65	84	76	75.0	W'ly	Clear	
6	29.69	29.70	29.67	72	86	75	77.6	N'ly	Clear	
7	29.67	29.62	29.56	72	87	78	79.0	S. W'ly	Clear	
8	29.58	29.51	29.54	65	82	69	72.0	W'ly	Clear	
9	29.54	29.55	29.65	65	80	65	70.0	N. E'ly	Clear, r'n	0.35
10	29.70	29.70	29.75	61	78	67	68.7	E'ly	Cloudy	
11	29.71	29.67	29.67	66	81	71	72.6	S. W'ly	Variable	
12	29.64	29.52	29.50	71	85	74	76.7	S. W'ly	Va'ble, r'n	0.50
13	29.53	29.63	29.73	74	72	65	70.3	N. E'ly	Clear	
14	29.75	29.66	29.38	63	75	72	70.0	E'ly	Cloudy	
15	29.38	29.35	29.43	67	74	66	69.0	N. W.	Clear	
16	29.59	29.69	29.82	62	73	63	66.0	N. W.	Variable	
17	29.90	29.84	29.76	56	78	66	66.6	S. W'ly	Va'ble, r'n	0.30
18	29.52	29.57	29.63	69	82	65	72.0	N. W.	Clear	
19	29.64	29.70	29.73	60	63	64	62.3	N. E.	Cloudy	
20	29.68	29.66	29.66	60	69	60	63.0	N. E.	Cloudy	
21	29.66	29.64	29.77	60	70	68	66.0	N. E.	Variable	
22	29.70	29.68	29.69	66	81	69	72.0	N. W'ly	Clear	
23	29.69	29.67	29.68	64	85	69	72.7	N. W.	Clear	
24	29.69	29.68	29.72	67	86	72	75.0	S. W.	Clear	
25	29.78	29.79	29.80	61	72	59	64.0	N. E'ly	Clear	
26	29.80	29.78	29.78	58	75	62	65.0	W'ly	Clear	
27	29.80	29.82	29.85	54	68	58	60.0	N. E.	Clear	
28	29.99	29.93	29.97	57	69	60	62.0	N. E.	Clear	
29	30.03	30.03	30.06	55	73	61	63.0	S. E.	Clear	
30	30.06	30.04	29.99	68	71	62	67.0	N. E.	Clear	
31	29.94	29.92	29.92	58	70	60	62.6	E'ly	Clear	
Means	29.72	29.70	29.72	63.6	77.3	66.9	...	...	...	1.15
REDUCED TO SEA LEVEL.										
Max.	30.24	30.22	30.24	72	87	78	79.0			
Min.	29.56	29.53	29.56	54	63	58	60.0			
Mean	29.89	29.87	29.89							
Range	0.68	0.69	0.68	18	24	20	19.0			
Mean of month			29.883	...	...	...	69.3			
Extreme range			0.71	...	...	...	33.0			

September, 1834.

	Sun-rise.	At 1 P. M.	At 10 P. M.	Sun-rise.	At 1 P. M.	At 10 P. M.	Daily mean.			
1	29.89	29.89	29.85	60	67	60	62.3	E'ly	Rain	0.75
2	29.85	29.90	30.01	62	71	60	64.3	E'ly	Variable	
3	30.00	29.95	29.96	60	80	69	69.7	W'ly	Clear	
4	29.84	29.80	29.78	70	86	74	76.7	W'ly	Clear	
5	29.71	29.63	29.57	74	74	72	73.5	S. E'ly	Rain	1.90
6	29.49	29.59	29.74	72	81	66	73.0	W'ly	Clear	
7	29.81	29.83	29.89	63	68	58	63.0	N. E'ly	Cloudy, r'n	0.60
8	29.92	29.86	29.73	60	73	68	67.0	S'ly	Va'ble, r'n	0.35
9	29.52	29.50	29.56	72	77	68	72.3	S. W'ly	Variable	
10	29.45	29.44	29.57	62	71	55	62.7	W'ly	Clear	
11	29.63	29.58	29.84	48	63	48	53.0	W'ly	Clear	
12	29.96	30.03	30.16	43	59	46	49.3	W'ly	Clear	
13	30.31	30.31	30.31	44	64	49	52.3	W'ly	Clear	
14	30.33	30.30	30.22	46	67	53	55.3	S. E'ly	Clear	
15	30.01	30.00	30.06	51	69	56	58.7	W'ly	Clear	
16	30.04	30.04	30.04	53	72	60	61.7	W'ly	Clear	
17	30.02	29.96	29.89	52	76	69	65.7	S. W'ly	Variable	
18	29.79	29.74	29.73	68	77	70	71.7	S'ly	Cloudy	
19	29.73	29.74	29.70	66	76	69	70.3	S'ly	Variable	
20	29.70	29.68	29.69	64	77	68	69.7	S'ly	Clear	
21	29.67	29.67	29.62	61	78	66	68.3	S'ly	Clear	
22	29.71	29.74	29.79	60	73	60	64.3	N. W.	Clear	
23	29.75	29.69	29.69	57	68	66	63.7	N. E'ly	Cloudy, sh.	0.15
24	29.79	29.81	29.86	60	68	58	62.0	N. W.	Clear	
25	29.88	29.83	29.89	58	69	61	62.6	W'ly	Clear	
26	30.03	29.99	30.00	53	68	58	59.7	S'ly	Clear	
27	29.89	29.76	29.69	58	71	62	63.7	S'ly	Variable	
28	29.72	29.80	29.80	61	60	52	57.6	N. E'ly	Cloudy, r'n	0.06
29	29.80	29.85	30.13	43	54	37	44.7	N. W.	Clear	
30	30.26	30.20	30.16	33	54	47	44.7	W'ly	Clear	
Means	29.85	29.84	29.86	57.8	70.4	60.1	...	...	...	3.81
REDUCED TO SEA LEVEL.										
Max.	30.51	30.49	30.49	74	86	74	76.7			
Min.	29.63	29.62	29.69	33	54	37	44.7			
Mean	30.03	30.01	30.04							
Range	0.88	0.87	0.80	41	32	37	32.0			
Mean of month			30.027	...	...	...	62.8			
Extreme range			0.89	...	...	...	53.0			

REMARKS.

Appearances of frost in some places on the morning of the 12th.

White frost in the college yard on the 30th.

October, 1834.

DAYS.	BAROMETER, REDUCED TO 32° F. Sun-rise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sun-rise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS.	WEATHER.	RAIN AND SNOW IN INCHES OF WATER.
1	29.87	29.85	29.63	51	71	68	63.3	S. W.	Rain	0.22
2	29.50	29.44	29.61	72	81	64	72.3	S. W.	Variable	
3	29.75	29.76	29.79	54	70	56	60.0	N. W.	Rain	
4	29.74	29.62	29.50	52	68	65	61.7	S. W.	Clear	0.24
5	29.56	29.70	29.86	54	56	44	51.3	N. W.	Clear	
6	30.04	30.08	30.15	38	56	46	46.7	N. W.	Clear	
7	30.19	30.14	30.11	42	66	55	54.3	S. W.	Variable	
8	30.00	29.96	29.92	54	71	63	62.7	S. W.	Cloudy	
9	29.76	29.56	29.39	62	65	65	64.0	S. W.	Rain	1.33
10	29.55	29.71	30.06	44	50	37	43.7	N. W.	Clear	
11	30.23	30.23	30.23	33	50	42	41.7	N. W.	Clear	
12	30.18	30 06	29.92	38	62	53	51.0	W'ly	Clear	
13	29.78	29.62	29.51	52	70	48	56.7	S. W'ly	Clear	
14	29.52	29.62	29.84	34	43	32	36.3	N. W.	Variable	
15	29.98	30.03	30.18	26	43	34	34.3	N. W.	Clear	
16	30.34	30.31	30.28	28	49	43	40.0	W'ly	Variable	
17	30.18	29.97	29.89	50	64	58	57.3	S. W'ly	Variable	
18	29.81	29 70	29.64	54	71	62	62.3	S. W'ly	Clear	
19	29.52	29.46	29.48	60	70	48	59.3	S. W'ly	Cloudy, r'n	1.30
20	29.55	29.58	29.74	41	47	38	42.0	N. W.	Variable	
21	29.94	29.94	29.97	35	48	37	40.0	N. W.	Clear	
22	29.93	29.77	29.73	34	54	46	44.7	S. W'ly	Variable	
23	29.73	29.69	29.72	43	50	39	44.0	N. W.	Variable	
24	29.93	29.93	30.04	34	47	33	38.0	N. W.	Clear	
25	30.14	30.09	30.14	26	41	31	32.7	N. W.	Clear	
26	30.08	29.88	29.50	32	36	46	38.0	N. E.	Rain	1.55
27	29.71	29.64	29.69	34	52	40	42.0	N. W.	Clear	
28	29.72	29.68	29.83	32	51	41	41.3	N'ly	Clear	
29	29.95	29.98	30.07	30	44	35	36.3	W'ly	Clear	
30	30.14	30.13	30.13	30	44	36	36.7	N. E.	Variable	
31	30.14	30.11	30.12	36	40	37	37.7	N. E.	Cloudy	
Means	29.89	29.85	29.86	42.0	55.8	48.1	...	...	...	4.64
REDUCED TO SEA LEVEL.										
Max.	30.52	30.49	30.46	72	81	68	72.3			
Min.	29.68	29.62	29.64	26	36	31	32.7			
Mean	30.07	30.02	30.04							
Range	0.84	0.87	0.82	46	45	37	39.6			
Mean of month			30.043	...	...	...	48.1			
Extreme range			0.90	...	...	...	55.0			

November, 1834.

	Sun-rise.	At 1 P. M.	At 10 P. M.	Sun-rise.	At 1 P. M.	At 10 P. M.	Daily mean.			
1	30.11	30.10	30.11	31	38	28	32.3	N. E.	Variable	
2	30.12	30.05	30.06	27	41	30	32.7	N, W.	Clear	
3	30.07	30.06	30.05	26	43	30	33.0	N. E.	Clear	
4	30.01	29.90	29.79	31	53	47	43.7	W'ly	Clear	
5	29 75	29.73	29.89	51	52	42	48.3	S. W'ly	Cloudy, sh.	0.14
6	29.99	29.97	29.89	36	48	36	40.0	W'ly	Clear	
7	29.73	29.58	29.57	33	51	49	44.3	W'ly	Variable	
8	29.67	29.68	29.93	41	48	34	41.0	W'ly	Clear	
9	30.04	29.99	29.88	28	47	41	38.7	W'ly	Clear	
10	29.78	29.73	29.78	40	52	45	45.7	W'ly	Clear	
11	29.73	29.68	29.76	40	42	35	39.0	N. E.	Rain	0.30
12	29.77	29.68	29.64	35	45	41	40.3	W'ly	Variable	
13	29.77	29.79	29.68	34	46	40	40.0	W'ly	Clear	
14	29.54	29.32	29.33	45	59	53	52.3	S. W.	Variable	
15	29.85	29.97	30.10	23	25	23	23.7	N. E'ly	Variable	
16	30.12	30.16	30.26	23	30	22	25.0	N. E'ly	Variable	
17	30.38	30.33	30.19	20	38	34	30.6	E'ly	Variable	
18	29.72	29.45	29.34	44	48	40	44.0	N. E.	Rain	2.88
19	29.30	29.31	29.34	40	43	39	40.7	N'ly	Cloudy	
20	29.41	29.44	29.45	33	47	36	38.7	N. W.	Clear	
21	29.65	29.64	29.66	32	47	36	38.3	W'ly	Clear	
22	29.70	29.59	29.50	28	46	44	39.3	S. W'ly	Va'ble, sh.	0.07
23	29.36	29.35	29.48	45	48	37	43.3	W'ly	Variable	
24	29.44	29.39	29.37	32	38	32	34.0	W'ly	Variable	
25	29.35	29.35	29.48	27	32	24	27.7	W'ly	Variable	
26	29.59	29.60	29.73	23	36	28	29.0	W'ly	Clear	
27	29.76	29.78	29.80	26	30	24	26 7	W'ly	Clear	
28	29.86	29.85	29.91	26	41	34	33.7	S. W'ly	Clear	
29	29.75	29.64	29.40	34	47	53	44.7	S'ly	Rain	0.11
30	29.61	29.69	29.90	40	46	34	40.0	N. W.	Clear	
Means	29.76	29.73	29.74	33.1	43.5	36.4	...	...	...	3.80
REDUCED TO SEA LEVEL.										
Max.	30.56	30.51	30.44	51	59	53	48.3			
Min.	29.48	29.49	29.52	20	24	22	23.7			
Mean	29.94	29.91	29.92							
Range	1.08	1.02	0.92	31	34	31	24.6			
Mean of month			29.923	...	...	...	37.7			
Extreme range			1.08	...	...	...	39.0			

December, 1834.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.04	29.90	29.70	32	45	46	41.0	...	S. W'ly	...	...	Clear	...		5th. At 10 P. M., haze in the S. W. and S.; wind S'ly; barometer 30.06.
2	29.60	29.47	29.44	46	45	40	43.6	...	S. W'ly	...	...	Rain	...	0.10	6th. At 6 A. M, wind fresh at S. E.; beginning to rain. 8 A. M. Barom. 29.50. 9 A. M. Barom. 29.40. 10 A. M. Barom. 29.27; heavy rain at intervals. 11 A. M. Wind hauling to S. W., and violent; barom. 29.20. 11½ A. M. Barom. 29.14; blows violently; clouds broken. 12 M. Barom. 29.10; wind farther to westward; sun out. 12½ M. Barom. 29.10; clouds much broken; heavy fog-clouds passing rapidly from S. W. to N. E., pass from about 20° elevation in S. W. to same height N. E, in 2 minutes—some in 2½ and others in 3 minutes; a second stratum of clouds, much higher, moves from a more western point. 1 P. M. Barom. 29.08; wind abated; nearly all clear overhead. 2 P. M. Barom. 29.05; wind still strong from S. W.; heavens covered at short intervals with heavy fog-clouds; rain 1.50 inch. 3½ P. M. Bar. rising, 29.06; clouds passing; wind W. 5 P. M. Barom. 29.10; thick clouds overhead; occasional dashes of rain. 6 P. M. Barom. 29.18; very dark clouds from W.; sky very clear in patches. 10 P. M. Barom. 29.38; clear; wind fresh from W. to N. W.
3	29.45	29.49	29.75	32	39	30	33.7	...	N. W.	...	...	Variable	...		
4	30.05	30.08	30.08	24	32	27	27.7	...	N. W.	...	...	Clear	...		
5	30.02	30.00	30.01	28	38	29	31.7	...	W'ly	...	...	Clear	...		
6	29.46	28.98	29.32	42	55	40	45.7	S. E.	S. W.	W.	Rain	Cleared	Clear	1.50	
7	29.80	29.86	29.94	36	45	34	38.3	W.	W.	W.	Clear	Clear	Clear		
8	29.57	29.19	29.46	41	52	41	44.7	S. E'ly	S. W.	W.	Rain	Cloudy	Clear	0.12	
9	29.90	29.97	30.08	26	32	23	27.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
10	30.15	30.11	30.01	18	32	28	26.0	W.	W.	W'ly	Clear	Clear, m.	Clear		
11	29.86	29.76	29.77	27	38	31	32.0	W'ly	S. W.	W'ly	Clear	Clear, m.	Clear, m.		
12	29.79	29.76	29.68	30	33	29	30.7	W'ly	N'ly	N'ly	Clear, m.	Cloudy	Cl'dy, m.		
13	29.40	29.34	29.48	31	33	33	32.3	S. W'ly	S. W'ly	W'ly	Cl'dy, m.	Snow, m.	Cl'dy, m.		
14	29.16	29.38	29.70	34	12½	—4½	14.0	S. W'ly	N. W.	N. W.	Cl'dy, m.	Clear	Clear		
15	29.83	29.81	29.62	—8	9	21	7.3	N. W.	N. W.	S. W'ly	Clear	Var., m.	Cl'dy, m.		
16	29.48	29.50	29.88	28	35	24	29.0	S. W.	W'ly	N. W'ly	Clear, m.	Var., m.	Variable		
17	30.13	30.19	30.20	12	22	17	17.0	N.	N.	N. E.	Variable	Cl'dy, m.	Cloudy		
18	30.19	30.14	30.19	20	30	24	24.7	N. E'ly	N. E'ly	N. E'ly	Cloudy	Variable	Variable		
19	30.22	30.19	30.15	27	34	30	30.3	N. E'ly	N'ly	N. E.	Variable	Variable	Snow		
20	29.95	29.79	29.77	28	34	32	31.3	N. E.	N. W.	N. W.	Cloudy	Variable	Clear		
21	29.98	30.03	30.09	24	25	18	22.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
22	30.08	30.03	30.03	13	33	30	25.3	N. W.	N'ly	N. E.	Clear	Variable	Cloudy		
23	30.02	30.03	30.02	31	37	25	31.0	W'ly	W'ly	S. W'ly	Variable	Variable	Cloudy		
24	30.03	29.87	29.77	24	29	24	25.7	N. E'ly	N. E.	N. E.	Cloudy	Cloudy	Snow	0.25	
25	29.64	29.74	29.98	21	26	8	18.3	N. E.	N. W.	N. W.	Snow	Clear	Clear		
26	29.99	29.85	29.76	8	13	13	11.3	N. E'ly	N. E'ly	N. E'ly	Cloudy	Cloudy	Cloudy		
27	29.75	29.79	29.94	18	25	15	19.3	N. W.	N. W.	N.	Variable	Clear	Clear		
28	30.03	30.09	30.11	10	22	18	16.7	N. W.	N. W.	N'ly	Clear	Clear	Cloudy		
29	30.06	29.95	29.80	18	30	29	25.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Snow	} 1.00	15th. At sunrise, ther. —8°; colder than has been known for several years.
30	29.42	29.38	29.43	21	30	26	25.7	N. E.	N. E.	N. E.	Snow	Cloudy	Cloudy		24th. Flurry of snow between 9 and 10 A. M. About 3 P. M., began snowing, and continued till night.
31	29.54	29.54	29.64	20	30	22	24.0	N. W.	N. W.	N. W.	Var., m.	Clear	Clear		29th. Wind N. E.; fine snow occasionally. During night, snow and heavy wind.
Means	29.83	29.78	29.83	24.6	32.1	25.9	...	...	...	...	...	...	...	2.97	30th. At sunrise, snowing fast; wind heavy at N. E. Stopped snowing about 11 A. M. Snow 10 or 11 inches on level, equal to 1 inch of water.
REDUCED TO SEA LEVEL.															
Max.	30.40	30.37	30.38	46	55	46	45.7								
Min.	29.34	29.37	29.50	—8	9	—4½	7.3								
Mean	30.01	29.96	30.01												
Range	1.06	1.00	0.88	54	46	50½	38.4								
Mean of month			30.993	...	...	...	27.5								
Extreme range			0.06	...	...	...	63.0								

January, 1835.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.78	29.88	29.88	11	16	13	13.3	N. W.	N. W.	N'ly	Clear	Clear	Snow	0.25	The following will present a view of the great diversity in thermometers, placed in different situations, when the weather, as in the present instance, is very cold and very still. Nearly all day of the 3d, all the 4th, and the earlier part of the 5th, there was uncommon stillness in the air—almost a dead calm.
2	29.69	29.73	29.88	13	26	20	19.7	N'ly	W'ly	W'ly	Cloudy	Clear	Variable		5th. On the morning of the 5th, at or about sunrise, thermometers in this neighborhood varied from 5°.5 below zero to 26° below—the coldest stations all being in valleys, and the warmest on hills.
3	29.98	30.05	30.17	3	7	—3½	2.2	N. W.	N. W.	N. W.	Variable	Variable	Clear		
4	30.23	30.21	30.21	—9	3½	—3	—2.8	N. W.	N. W.	N. W.	Clear	Clear	Clear		
5	30.21	30.07	30.06	—5½	13	9	5.5	N. W.	N. W.	N. W.	Clear	Clear	Clear		
6	30.07	30.02	30.04	13	5	1	6.3	N. E.	N. E.	N.	Cloudy	Cloudy	Variable		
7	30.05	30.02	30.02	—4½	3	4	0.8	N.	N. W.	N. W.	Clear	Clear	Clear		7th. At sunrise, thermometer 2° above zero. Plunged the bulb about 2 inches beneath the snow, and in about 15 minutes the mercury rose to 13°; plunged it 7 or 8 inches under, and in about 20 minutes the mercury rose to 25°.
8	30.02	30.03	30.06	6	13	14	11.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
9	30.14	30.12	30.15	8	19	10	12.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
10	30.17	30.13	30.11	8	27	18	17.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		
11	30.09	30.02	30.02	16	29	24	23.0	N'ly	N'ly	N'ly	Clear	Clear	Clear		
12	29.98	29.91	29.88	20	35	25	26.7	N'ly	W'ly	W'ly	Clear	Clear	Clear		
13	29.80	29.78	29.78	23	40	30	31.0	S. W'ly	S W'ly	S. W'ly	Clear	Clear	Variable		
14	29.69	29.52	29.45	35	44	39	39.3	S. W'ly	S. W'ly	S. W'ly	Cloudy	Cloudy	Rain	0.25	
15	29.73	29.69	29.64	36	46	32	38.0	W'ly	W'ly	S. W'ly	Clear	Clear	Variable		
16	29.28	29.32	29.54	38	45	36	39.7	W'ly	W'ly	W'ly	Rain	Clear	Clear	0.58	
17	29.69	29.78	29.86	31	39	34	34.7	W'ly	W'ly	W'ly	Clear	Variable	Cloudy		
18	29.85	29.81	29.84	28	34	24	28.7	W'ly	W'ly	W'ly	Variable	Variable	Clear		
19	29 91	29.86	29.83	16	30	24	23.3	W'ly	N. W'ly	N. W'ly	Clear	Clear	Clear		19th. At 6½ P. M., observed an unusually bright meteor pass from the star Capella to a point a very little west of Aldebaran; the train of light long and brilliant, of a purplish hue.
20	29.70	29.74	29.81	28	39	28	31.7	W'ly	W'ly	W'ly	S. flurry	Clear	Clear		
21	29.83	29.73	29.45	22	34	34	30.0	N. W'ly	S. W'ly	S. E'ly	Clear	Cloudy	Cloudy		
22	29.18	29.33	29.52	45	39	30	38.0	N. W'ly	N. W.	N. W.	Rain	Clear	Clear	0.30	
23	29.54	29.56	29.85	34	45	30	36.3	N. W.	W'ly	N. W.	Clear	Variable	Clear		
24	30.03	30.11	30.22	26	30	26	27.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
25	30.18	30.07	29.76	18	31	38	29.0	N. W.	S. E'ly	S. E ly	Clear	Cloudy	Rain	0.62	
26	29.50	29.44	29.42	47	53	49	49.7	S. W.	S. W.	S. W.	Cloudy	Cloudy	Rain	0.25	
27	29.52	29.60	29.69	40	46	34	40.0	W'ly	N'ly	W'ly	Clear	Clear	Clear		
28	29.74	29.65	29.76	32	38	36	35.3	N. E.	N. E.	N. W.	Rain	Rain	Clear	0.25	
29	30.09	30.19	30.09	31	38	30	33.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		29th. The aurora quite bright in the north for several hours in the evening.
30	30.07	29.85	29.55	30	35	44	36.3	N. E.	N. E.	S. W.	Snow	Rain	Rain	1.00	31st. Frequent and vivid lightnings and rain before daylight—perhaps from 4 to 5 o clock.
31	29.09	29.13	29.20	51	48	37	45.3	S. W.	W'ly	N. W.	Rain	Variable	Variable		
Means	29.83	29.82	29.83	22.2	30.6	24.7	...	...	...	...	...	...	...	3.50	
REDUCED TO SEA LEVEL.															
Max.	30.41	30.39	30.40	51	53	49	49.7								
Min.	29.17	29.31	29.38	—9	3	—3½	—2.8								
Mean	30.01	30.00	30.01												
Range	1.24	1.08	1.02	60	50	52½	52.5								
Mean of month			30.007	...	...	...	25.9								
Extreme range			1.24	...	...	...	62.0								

February, 1835.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.28	29.35	29.45	28	34	24	28.7	N. W.	N. W.	N. W.	Variable	Variable	Clear		
2	29.51	29.66	29.97	24	23	21	22.7	N. W.	N. W.	N. W.	Variable	Clear	Clear		
3	30.07	30.07	30.03	9	20	12	13.7	N. W.	N. W.	N'ly	Clear	Clear	Variable		
4	29.88	29.77	29.79	4	13	6	7.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
5	29.81	29.77	29.73	7	21	14	14.0	W'ly	N. W'ly	N. W'ly	Clear	Clear	Clear		
6	29.86	29.78	29.68	17	27	26	20.0	S. W'ly	N. E'ly	N. E'ly	Variable	Snow	Snow	0.10	
7	29.50	29.50	29.50	27	32	11	23.3	N'ly	N. W.	W'ly	Cloudy	Variable	Variable		8th. In the Southern and Western States, it appears that this was the coldest day for many years. It was here one of the severest days to be out during the winter thus far.
8	29.51	29.49	29.70	2	8	8	6.0	S. W'ly	W'ly	W'ly	Clear	Clear	Clear		
9	30.00	30.01	30.01	4	18	12	11.3	S. W'ly	S. W'ly	W'ly	Clear	Clear	Clear		
10	30.02	30.00	29.99	8	20	12	13.3	N. W'ly	N. W'ly	N'ly	Variable	Clear	Clear		
11	29.82	29.69	29.60	6	29	22	19.0	W'ly	S. W'ly	S. W'ly	Clear	Variable	Cloudy		
12	29.60	29.64	29.74	16	26	17	19.7	W'ly	W'ly	N'ly	Variable	Clear	Clear		
13	29.71	29.59	29.59	17	37	33	29.0	S. W'ly	S. W'ly	S. W'ly	Clear	Cloudy	Cloudy		
14	29.78	29.97	30.28	33	34	16	27.7	W'ly	W'ly	N. W.	Cloudy	Cloudy	Clear		
15	30.39	30.35	30.26	8	18	16	14.0	N. E'ly	N'ly	N'ly	Cloudy	Cloudy	Cloudy		
16	30.17	30.12	30.12	16	27	26	23.0	N. W'ly	N'ly	N. E'ly	Cloudy	Cloudy	Cloudy		16th. Hail occasionally through the day.
17	29.93	29.81	29.71	28	31	31	30.0	N. E.	N. E.	N. E.	Rain	Rain	Rain	0.85	17th. Ground thickly covered with sleet, walking excessively slippery.
18	29.54	29.52	29.64	29	34	34	32.3	N. E.	N'ly	N'ly	Cloudy	Cloudy	Cloudy		
19	29.70	29.70	29.86	32	40	32	34.7	S. W'ly	S. W'ly	W'ly	S. flurry	Cloudy	Cloudy		
20	30.06	30.16	30.22	27	35	28	30.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
21	30.09	29.89	29.83	30	42	36	36.0	S. W'ly	S. W'ly	S. W'ly	Variable	Variable	Clear		
22	29.74	29.64	29.60	36	55	50	47.0	S. W'ly	S. W'ly	W'ly	Clear	Variable	Clear		
23	29.89	30.01	30.10	37	40	32	36.3	N'ly	W'ly	W'ly	Variable	Variable	Cloudy		
24	30.16	30.12	30.13	32	34	30	32.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		
25	30.01	29.86	29.76	32	36	34	34.0	N. E.	S'ly	S. W'ly	Cloudy	Cl'dy, r'n	Cloudy		
26	29.75	29.77	29.87	28	36	24	29.3	S'ly	W'ly	W'ly	Clear	Clear	Cloudy		
27	29.82	29.71	29.58	14	14	12	13.3	N. E.	N. E.	N. E.	Snow	Snow	Snow	0.25	
28	29.69	29.71	29.90	0	16	6	7.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
Means	29.83	29.81	29.84	19.6	28.4	22.3	...	...	...	...	...	...	...	1.20	
REDUCED TO SEA LEVEL.															
Max.	30.57	30.53	30.46	37	55	50	47.0								
Min.	29.46	29.53	29.63	0	8	6	6.0								
Mean	30.01	29.99	30.02												
Range	1.11	1.00	0.83	37	47	41	41.0								
Mean of month			30.007	...	...	...	23.5								
Extreme range			1.11	...	...	...	55.0								

March, 1835.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.04	30.07	30.12	0	19	6	8.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		1st. At sunrise, the thermometer at 0° or zero; plunged the bulb 9 inches under a snow-drift, and in 20 minutes it rose to 24°.
2	30.15	30.13	30.12	—2	21	13	10.7	S. W'ly	S. W'ly	S. W'ly	Clear	Clear	Clear		2d. Thermometer —2°; several others in the vicinity ranged from —3° to —7°, being all below zero. During the 1st and 2d, the weather was very still.
3	30.10	30.10	30.19	9	19	4	10.7	S. W'ly	N. W.	N. W.	Clear	Variable	Clear		
4	30.21	30.30	30.39	4	22	15	13.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
5	30.40	30.39	30.29	9	30	18	19.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		
6	30.21	30.15	30.13	12	35	22	23.0	W'ly	S. W'ly	S. W'ly	Clear	Clear	Clear		7th. At sunrise, wind N. E. gentle; a belt of clear sky round the E. and N. E.; nimbus overhead; clouds soon went down in the E. and N. E.; wind grew more fresh. At 1 P. M., sprinkling of rain; increases a little till 4 P. M., when it commenced snowing fast, with a strong breeze. At 7 P. M., changed to rain, which continued during the night.
7	30.08	29.93	29.74	20	35	32	29.0	N. E.	N. E.	N. E.	Variable	Rain	Rain	0.50	
8	29.61	29.77	29.92	32	31	31	31.3	N. E.	N. E.	N. E.	Misty	Cloudy	Cloudy		8th. At sunrise, misty. At 8 A. M., barometer began to rise. At 3 P. M., clouds broken in the west; nearly clear. At 5 P. M., clouded over again in the evening.
9	29.97	29.97	29.89	28	33	29	30.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		9th. 1½ inch light snow between 3 and 5 P. M.
10	29.74	29.53	29.42	26	32	28	28.7	N. E.	N. E.	N. E.	Cloudy	Rain	Snow	0.75	10th. Barometer falling in the morning. At 12, began to hail and rain a very little. At 1 P. M., snowing; snowed fast till night, with a driving wind at N. E. At 7 P. M, barometer 29.40; began to rise by 9 P. M., and storm abated. Snow 9 or 10 inches deep, very heavy and damp.
11	29.64	29.76	29.86	29	39	28	32.0	N'ly	N'ly	W'ly	Variable	Clear	Clear		
12	29.93	29.90	29.80	27	48	32	35.7	N. W'ly	N. W'ly	S. W'ly	Clear	Clear	Clear		
13	29.47	29.46	29.58	34	47	36	39.0	S. W'ly	S. W'ly	S. W'ly	Cloudy	Variable	Clear		
14	29.74	29.76	29.74	32	46	38	38.7	S. W'ly	W'ly	W'ly	Clear	Clear	Clear		
15	29.58	29.59	29.59	36	48	39	41.0	S. W'ly	W'ly	S. W.	Cloudy	Clear	Cloudy		
16	29.44	29.33	29.37	41	53	46	46.7	S. W'ly	S. W.	W'ly	Variable	Clear	Variable		
17	29.28	29.43	29.89	41	46	22	39.7	S. W.	N. W.	N. W.	Rain	Clear	Clear	0.30	
18	30.10	30.08	29.99	15	31	26	24.0	N. W.	S. W'ly	S. E'ly	Clear	Clear	Cloudy		
19	29.48	29.04	29.40	32	44	34	36.7	N. E'ly	W'ly	N. W.	Rain	Cloudy	Clear	1.10	
20	29.79	29.88	29.85	28	43	37	36.0	N. W.	N. W.	S. W'ly	Clear	Clear	Cloudy		13th. Dash of rain at sunrise.
21	29.59	29.54	29.71	41	61	38	46.7	S. W.	S. W'ly	N. E'ly	Cloudy	Variable	Cloudy		15th. Clear during the day and pleasant.
22	29.57	29.23	29.01	29	32	26	29.0	N. E.	N. E.	N. E.	R'n & h'l	R'n & h'l	R'n & h'l	1.15	16th. Dash of rain at sunrise; also at 9 P. M., with very dark clouds from the W.
23	29.07	29.42	29.79	18	30	22	23.3	N. W.	N. W.	N. W.	Cloudy	Clear	Clear		17th. Rain at sunrise. Cleared at 10 to 12 A. M. High wind P. M from N. W.
24	29.92	30.03	30.02	21	35	30	28.7	W'ly	W.	W.	Clear	Clear	Clear		18th. Early part of evening starlight overhead; wind S. E.; heavy cloud stretching from E. round the horizon to S. W. At 9 P. M., thick clouds overhead; wind hauling more to E.; air very raw and chilly. During night, three inches of wet snow from N. E.
25	30.27	30.36	30.40	22	32	26	26.7	N. E'ly	N. E.	N. E.	Variable	Clear	Cloudy		
26	30.30	30.20	29.97	28	42	36	35.3	S. W'ly	S. W'ly	S. W'ly	Variable	Cloudy	Variable		
27	29.78	29.64	29.60	43	48	40	43.7	S. W'ly	S. W.	N. W.	Cloudy	Rain	Clear	0.25	
28	29.54	29.51	29.53	36	58	42	45.3	W.	S. W'ly	S'ly	Clear	Variable	Variable		
29	29.59	29.64	29.64	36	38	32	35.3	N. E.	N. E.	N. E.	Misty	Cloudy	Cloudy		
30	29.40	29.29	29.32	30	32	34	32.0	N. E.	N. E'ly	N. E'ly	Snow	Snow	Rain	0.55	19th. At sunrise, rain from E. N. E; barometer 29.52, and falling fast. Cleared during afternoon; wind brisk at N. W.
31	29.28	29.32	29.47	36	43	42	40.3	N. W'ly	N'ly	N. W'ly	Cloudy	Cloudy	Cloudy		21st. Very mild and pleasant during the day; wind S. W'ly. Grew chilly about sunset; wind came to N. E'ly.
Means	29.78	29.77	29.80	25.6	37.8	27.2	...	...	...	...	...	...	...	4.60	22d. Began to rain and hail at 4½ A. M.; strong wind N. E.; barometer 29.62. Continued to rain and hail during the day; heard thunder about noon; lightning and thunder at 5 P. M. Barometer continued falling till 9 P. M., when it stood at 29.03; began to rise immediately; at 9½, stood at 29.05.
REDUCED TO SEA LEVEL.															
Max.	30.58	30.57	30.57	43	61	46	46.7								
Min.	29.46	29.41	29.19	—2	19	4	8.3								
Mean	29.96	29.95	29.98												
Range	1.12	1.16	1.38	45	39	42	38.4								
Mean of month			29.963	...	...	...	30.9								
Extreme range			1.39	...	...	...	63.0								

27th. Wind changed from S. W. to N. W., about 4 to 5 P. M.

30th. Began snowing 6 to 7 A. M.; wind N. E., very brisk.

April, 1835.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.50	29.52	29.56	42	57	45	48.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		3d. Began raining between 8 and 9 P. M.; wind at N. E., growing fresh.
2	29.57	29.59	29.63	42	55	42	46.3	W'ly	S. W.	S. E'ly	Clear	Variable	Cloudy		4th. At sunrise, wind N. E.; during the morning, hauled to N. and N. W.; towards night, swung back to N. E., and blew heavily during the night. Misty, but no rain
3	29.64	29.69	29.69	40	54	38	44.0	E'ly	E'ly	N. E.	Cloudy	Variable	Rain	1.15	
4	29.46	29.51	29.64	38	45	37	36.7	N. E.	N. W'ly	N. E'ly	Cloudy	Cloudy	Cloudy		
5	29.54	29.42	29.39	35	37	37	36.3	N. E.	N. E.	S. W.	Cloudy	Rain	Cloudy	0.25	5th. At sunrise, wind heavy at N. E. Rain occasionally during the day. At 7 or 8 P. M., wind hauled round to S. W. At 9 P. M., clouds broken and stars out. Clear at 10 P. M.
6	29.39	29.30	29.24	36	52	40	42.7	S. W.	S. W.	S. W.	Variable	Variable	Shower		6th. Light shower at 9 P. M; wind S. W.
7	29.16	29.20	29.37	38	50	40	42.7	W'ly	W'ly	N. W.	Variable	Cloudy	Clear		13th. Wind S. W.; began to rain at 1 P. M.; wind came to W'ly, and cleared from 4 to 5 P. M. Occasional lightning, from a cloud low in the S. E., between 9 and 10 P. M.
8	29.45	29.47	29.50	36	58	42	45.3	N. W.	W'ly	N. W.	Clear	Clear	Clear		
9	29.50	29.50	29.61	42	70	57	56.3	W'ly	W'ly	W'ly	Clear	Variable	Clear		
10	29.75	29.83	29.92	44	66	42	50.7	W'ly	S. W'ly	S'ly	Clear	Clear	Clear		
11	29.98	30.02	30.04	36	60	40	45.3	S. W'ly	S. W'ly	S'ly	Clear	Clear	Clear		
12	30.03	29.98	29.90	32	57	42	43.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		14th and 15th. Very blustering.
13	29.77	29.63	29.47	42	51	46	46.3	S. W'ly	S. W.	N. W'ly	Cloudy	Rain	Clear	0.03	16th. At sunrise, wind S. W'ly; began to rain at 6 A. M. Wind soon came to N. E., with copious snow, which continued till 5 P. M.; 2 inches deep.
14	29.51	29.52	29.61	36	38	28	34.0	N. W.	N. W.	N. W.	Variable	Variable	Clear		
15	29.76	29.74	29.74	26	47	36	36.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		19th. Wind came to S. W. at 8 or 9 A. M.; blew fresh during the day. Began raining moderately between 5 and 6 P. M.; wind very brisk.
16	29.65	29.36	29.41	36	32	33	33.7	S. W.	N. E.	N'ly	Cloudy	Snow	Cloudy	0.45	
17	29.45	29.60	29.75	29	35	26	30.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		20th. Light rain occasionally during the forenoon. Between 8 and 9 P. M., a light shower; wind S. W.; cleared soon after, and wind hauled to N. W.
18	29.89	29.93	30.02	21	36	32	29.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
19	30.08	29.98	29.67	25	48	44	39.0	N. W.	S. W.	S. W.	Variable	Cloudy	Rain	0.20	
20	29.51	29.30	29.27	50	63	50	54.3	S. W.	S. W.	W'ly	Cloudy	Cloudy	Clear		22d. Light rain from 3 to 8 P. M.; wind S. W'ly and veering to W.
21	29.51	29.67	29.72	38	52	43	44.7	N. W.	N. W.	S. W.	Clear	Clear	Cloudy		
22	29.63	29.57	29.57	40	52	44	45.3	S. W.	S. E'ly	S. W'ly	Cloudy	Cloudy	Rain	0.28	25th. Variable at sunrise; wind N. W'ly. Wind soon hauled to S. W.; clouded up, and began to rain about 10 A. M.; changed to snow at 11. Wind came round to N. E., from 2 to 3 P. M., with rain. Lightning and thunder from 9 to 10 P. M., with moderate rain continued.
23	29.56	29.66	29.77	37	52	39	42.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
24	29.78	29.83	29.93	35	48	37	40.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
25	29.94	29.88	29.75	33	36	32	33.7	N. W.	S. W.	N. E.	Clear	Snow	Rain	0.80	
26	29.76	29.79	29.82	35	38	36	36.3	N. E.	N. E.	N'ly	Cloudy	Rain	Variable	0.05	26th. Wind N. E.; light rain till about noon; cloudy P. M. At 8 P. M., wind hauling to N., and clouds broken in N. W. Clear overhead between 9 and 10 P. M.
27	29.86	29.88	29.84	30	55	42	42.3	N'ly	E'ly	E'ly	Clear	Clear	Cloudy		
28	29.37	29.04	29.37	40	43	41	41.3	N. E'ly	S. W'ly	W.	R'n & sn.	Cloudy	Clear	0.85	
29	29.62	29.58	29.79	37	63	49	49.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		27th. At sunrise, gentle breeze at N'ly; clear. During forenoon, wind came to E'ly. Towards night, began to grow thick and cloudy round the horizon; air raw. 10 P. M., cloudy; light E. wind.
30	29.80	29.83	29.76	49	63	51	54.3	W'ly	W'ly	W'ly	Variable	Variable	Variable		
Means	29.65	29.63	29.60	36.7	50.4	40.3	...	...	...	...	...	...	...	4.06	28th. At from 3 to 4 A. M., heavy blow from E., with copious rain. At 10 A. M., rain ceased; clouds beginning to be broken; wind violent, hauling S'ly. At 1 P. M., wind S. W'ly, very heavy. At 4 P. M., wind W'ly, its violence unabated; clouds broken; barometer rising. From 8 to 9 P. M., cleared; wind abating.
REDUCED TO SEA LEVEL.															
Max.	30.26	30.20	30.22	50	70	57	56.3								29th. At sunrise, clear; wind W'ly. Clouded up, and a dash of rain from 8 to 9 A. M. Clear again before noon.
Min.	29.55	29.22	29.45	21	32	26	29.7								
Mean	29.83	29.81	29.84												30th. Variable; sprinkle of rain from 8 to 10 A. M.
Range	0.71	0.98	0.77	29	38	31	26.6								
Mean of month			29.827	...	...	...	41.1								
Extreme range			1.04	...	...	...	49.0								

May, 1835.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.76	29.76	29.65	43	58	46	49.0	N. E.	W'ly	S. W.	Rain	Variable	Variable	0.15	1st. At sunrise, raining moderately; wind N. E. Rain continued till from 10 to 11 A. M., when wind came round to W'ly.
2	29.67	29.65	29.75	43	59	48	50.0	W'ly	W'ly	N. W.	Variable	Variable	Clear		
3	29.86	29.84	29.86	40	63	44	49.0	N. W'ly	N. W'ly	S. E'ly	Clear	Clear	Clear		4th. At sunrise, wind W'ly, very light. During the morning, hauled to S. W'ly; became raw. At 3 P. M., began to rain very gently. From 7 to 8 P. M., wind S'ly, blowing fresh, with rain.
4	29.90	29.89	29.72	43	58	46	49.0	W'ly	S. W'ly	S'ly	Cloudy	Cloudy	Rain	0.55	
5	29.60	29.62	29.76	45	50	46	47.0	E'ly	N. E'ly	N'ly	Rain	Clear	Cloudy		
6	29.73	29.65	29.64	45	54	50	49.7	E'ly	S. W.	S. W'ly	Cloudy	Rain	Clear	0.05	5th. At sunrise, wind E'ly; mist, with some rain. Cloudy during the day; mild.
7	29.74	29.73	29.70	42	61	53	52.0	N. W.	N. W.	S. W.	Clear	Clear	Variable		6th. At sunrise, wind E'ly; mild. At 1 P. M., shower from S. W., equal .05 inch. Cleared, with light breeze from S. W'ly, from 6 to 7 P. M.
8	29.58	29.57	29.63	47	45	41	44.3	N. E.	N. E.	W'ly	Cloudy	Cloudy	Variable		
9	29.66	29.63	29.62	36	60	44	46.7	N. W.	S. W.	S. W.	Clear	Variable	Variable		
10	29.58	29.61	29.66	44	56	47	49.0	S. W.	N. E.	W'ly	Cloudy	Clear	Cloudy		8th. At sunrise, wind N. E.; cloudy, mild. Occasional sprinkling of rain during forenoon. At sunset, wind light from W'ly; cloudy. Broken halo round the moon from 9 to 10 P. M.; radius 22°, nearly.
11	29.73	29.72	29.73	42	69	54	55.0	W'ly	W'ly	S. W.	Clear	Clear	Variable		
12	29.72	29.71	29.72	48	63	55	55.3	S. W'ly	W'ly	S. W'ly	Cloudy	Variable	Clear		
13	29.84	29.80	29.77	43	60	45	49.3	N. E.	N. E.	N. E.	Clear	Clear	Clear		
14	29.72	29.62	29.52	42	52	44	46.0	N. E.	E'ly	E'ly	Cloudy	Cloudy	Rain	0.75	12th. At sunrise, wind S. W'ly; mild, cloudy. Variable during morning. Sprinkling of rain at 1 P. M; breeze fresh. Dash of rain occasionally from 1 to 4 P. M. At 3 P. M., a violent gust from the N. W., which continued not to exceed two minutes; thick clouds at the time in the W.
15	29.33	29.39	29.41	40	43	40	41.0	N. E.	N'ly	N. W.	Rain	Cloudy	Clear		
16	29.44	29.44	29.51	38	57	47	47.3	S. W.	W.	N. W.	Clear	Variable	Clear		
17	29.53	29.59	29.72	48	66	58	57.3	W'ly	W'ly	W'ly	Variable	Clear	Clear		
18	29.68	29.54	29.80	54	66	59	59.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		14th. At sunrise, mild wind N. E. Cloudy during the morning. Began to rain between 2 and 3 P. M.; wind E'ly, mild. Rain during night.
19	29.83	29.75	29.67	51	69	56	58.7	S. W.	S. W.	S. W'ly	Clear	Clear	Clear		
20	29.61	29.58	29.60	54	86	68	69.3	S. W'ly	W'ly	W'ly	Clear	Clear	Cloudy		15th. At sunrise, wind N. E; rain and mist. At 12 M., rain ceased; wind hauling to N. and N. W. Clouds broken and sun out, at 5 P. M.
21	29.69	29.81	29.87	58	56	49	54.3	N. E'ly	N. E'ly	N. W'ly	Cloudy	Cloudy	Clear		
22	29.91	30.01	30.11	44	55	47	48.7	N. E'ly	N. E'ly	N. E'ly	Clear	Clear	Clear		16th. At sunrise, wind S. W'ly, mild; clear. In the course of the morning, wind hauled more to W.; blustering, with heavy clouds from W. Showery from 5 to 6 P. M. Clear evening.
23	30.15	30.18	30.17	41	59	48	49.3	N. E'ly	N. E.	N. E.	Clear	Clear	Clear		
24	30.17	29.96	29.95	44	68	56	56.0	S. W'ly	W'ly	W'ly	Clear	Clear	Clear		
25	29.82	29.61	29.55	50	74	69	64.3	W'ly	W'ly	W'ly	Variable	Clear	Clear		19th. At sunrise, a light breeze from S'ly, while light clouds were passing from N. W. From 8 to 9 A. M., breeze from S'ly became fresh, and continued thus during the day.
26	29.55	29.53	29.67	65	80	66	70.3	W'ly	W'ly	N. W.	Clear	Clear	Clear		
27	29.78	29.80	29.81	56	73	56	61.7	N. W.	S. W'ly	S. W'ly	Clear	Clear	Clear		
28	29.78	29.74	29.70	56	70	60	62.0	E'ly	E'ly	E'ly	Cloudy	Cloudy	Cloudy		20th. Very hot; wind light from W'ly; air thick and sultry. Thunder and lightning, with a light shower, from 6 to 8 P. M.; the main cloud passed to the S.
29	29.50	29.42	29.41	60	71	66	65.7	E'ly	W'ly	W'ly	Cloudy	Cloudy	Clear		
30	29.50	29.59	29.71	65	75	64	68.0	N. W.	N. W.	N. W.	Clear	Variable	Clear		
31	29.81	29.79	29.72	58	75	60	64.3	N. W.	N'ly	S. W.	Clear	Clear	Clear		
Means	29.71	29.69	29.71	47.9	62.9	52.6	...	...	...	...	...	...	...	1.50	25th From 8 to 9 P. M., thunder and lightning in the N. E.
REDUCED TO SEA LEVEL.															
Max.	30.35	30.36	30.35	65	86	69	70.3								28th. Cloudy and foggy during the morning; wind E'ly. Sun came out in the afternoon. Foggy again in the evening.
Min.	29.51	29.57	29.59	36	43	40	41.0								
Mean	29.89	29.86	29.89												29th. In morning, cloudy, with mist; wind S'ly. From 11 to 12 A. M., wind came round to W'ly, with a gust, and light shower. Cloudy during the afternoon. Clear in evening.
Range	0.84	0.79	0.76	29	43	29	29.3								
Mean of month			29.880	...	...	...	54.9								
Extreme range			0.85	...	...	...	50.0								

June, 1835.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.59	29.59	29.72	62	75	64	67.0	S. W.	N. W.	N. W.	Cloudy	Clear	Clear		1st. At sunrise, wind S.W., rather fresh; cloudy. Showery from 6 to 7 A. M. Wind hauled to N.W. during forenoon, and cleared.
2	29.76	29.74	29.73	58	79	69	68.7	N. W.	N. W.	S. W.	Clear	Clear	Clear		
3	29.88	29.92	29.93	65	74	61	66.7	N. E'ly	N. E'ly	S. W'ly	Clear	Clear	Clear		5th. Wind S. W'ly during the day; warm and damp. Thundershower from 6 to 8 P. M., equal .45 inch.
4	29.92	29.79	29.69	58	77	67	67.3	S. W'ly	S. W'ly	S. W'ly	Variable	Clear	Variable	0.45	
5	29.51	29.48	29.48	68	80	66	71.3	S. W.	S. W.	N. W.	Cloudy	Cloudy	Shower		10th. Very hot and sultry during the forenoon; wind W'ly and gentle; the air thick; sun partially obscured. Thundershower from 2 to 5 P. M.; rain .20 inch; wind came to N. E.
6	29.64	29.73	29.83	64	74	66	68.0	N. W.	N'ly	N'ly	Clear	Clear	Clear		
7	29.99	30.10	30.20	56	60	50	57.0	N. E.	N. E.	N. E.	Clear	Cloudy	Clear		
8	30.22	30.18	30.12	45	67	50	54.0	S'ly	S'ly	S. W.	Clear	Clear	Clear		
9	30.00	29.88	29.80	50	76	62	62.7	S. W'ly	S. W'ly	S. W'ly	Clear	Clear	Variable		11th. At sunrise, wind N. E. Light rain from 9 to 10 A. M. Cleared from 12 M. to 2 P. M.; wind S'ly.
10	29.76	29.75	29.93	62	80	54	65.3	W'ly	W'ly	N. E.	Variable	Variable	Cl'dy,sh.	0.20	
11	29.97	29.90	29.88	54	72	65	63.3	N. E.	S. W'ly	S. W.	Cloudy	Clear	Clear		12th. Wind S. W.; cloudy all day; warm and very damp. Commenced raining very gently at 9 P. M. Occasional thunder and lightning during the night. Rain .50 inch.
12	29.84	29.83	29.80	65	75	68	68.7	S'ly	S. W.	S. W.	Cloudy	Cloudy	Rain	0.50	
13	29.75	29.72	29.68	65	78	69	70.7	W'ly	W'ly	W'ly	Cloudy	Clear	Clear		
14	29.63	29.58	29.71	69	77	64	70.0	W'ly	W'ly	N. E.	Clear	Variable	Cloudy		13th. Cloudy in the morning. Cleared from 12 M. to 1 P. M. Light shower with thunder, from 5 to 6 P. M.
15	29.86	29.90	29.90	56	64	54	58.0	N. E.	N. E.	N. E.	Cloudy	Clear	Clear		
16	29.87	29.76	29.63	50	71	56	59.0	N. W.	S. W'ly	W'ly	Clear	Clear	Cl'r, sh.	0.10	14th. Wind W'ly during the day. Very warm, and dark clouds from the W. in the afternoon. Wind came to N. E. between 6 and 7 P. M., brisk.
17	29.54	29.60	29.69	59	72	60	63.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		16th. Shower during the night, equal .10 inch.
18	29.70	29.62	29.64	54	78	62	64.7	N. W.	W'ly	S. W.	Clear	Clear	Clear		
19	29.60	29.49	29.30	61	75	66	67.3	S. W.	S. W'ly	S. W'ly	Clear	Variable	Rain	0.40	19th. Clear A. M.; wind light at S. W. Wind freshened towards night; air very damp; fog-clouds from S'ly. Began to rain from 8 to 9 P. M., with thunder; wind very brisk S. W.
20	29.31	29.40	29.63	64	78	65	69.0	N. W.	N. W'ly	N. W.	Clear	Clear	Clear		
21	29.64	29.63	29.76	53	70	54	59.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
22	29.73	29.65	29.65	46	67	61	58.0	N. W.	N. W.	W'ly	Clear	Clear	Cloudy		
23	29.66	29.70	29.75	55	71	60	62.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
24	29.75	29.73	29.74	60	76	67	67.7	W'ly	W'ly	S. W'ly	Variable	Clear	Clear		
25	29.76	29.75	29.73	65	78	67	70.0	W'ly	W'ly	S. W'ly	Clear	Variable	Cloudy		
26	29.69	29.67	29.65	62	70	62	64.7	S. W'ly	S. W'ly	N. E.	Rain	Cloudy	Cloudy	0.16	
27	29.65	29.65	29.60	60	66	62	62.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		
28	29.52	29.47	29.45	63	79	68	70.0	S. W.	S. W.	S. W.	Misty	Clear	Cloudy		
29	29.40	29.40	29.45	62	77	66	68.3	W'ly	W'ly	W'ly	Clear	Cl'r, sh.	Clear	0.14	29th. Shower of rain from W. at 3 P. M., equal .14 inch.
30	29.45	29.49	29.62	62	73	54	63.3	W'ly	W'ly	N. W.	Clear	Clear	Clear		
Means	29.72	29.70	29.72	59.1	71.2	59.9	...	...	...	...	...	...	...	1.95	
REDUCED TO SEA LEVEL.															
Max.	30.40	30.36	30.38	68	80	69	71.3								
Min.	29.49	29.58	29.48	45	60	50	54.0								
Mean	29.90	29.87	29.90												
Range	0.91	0.78	0.90	23	20	19	17.3								
Mean of month			29.890	...	...	...	64.9								
Extreme range			0.92	...	...	...	30.0								

July, 1835.

	Sunrise.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.62	29.60	29.62	50	62	54	55.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
2	29.61	29.47	29.39	50	74	69	64.3	N. W.	N. W.	S. W'ly	Clear	Clear	Clear		
3	29.42	29.42	29.48	64	79	71	71.3	W'ly	W.	S. W'ly	Variable	Clear	Clear		
4	29.55	29.52	29.59	70	88	72	76.7	W'ly	N. W.	W'ly	Clear	Clear	Cloudy		4th. Light shower in the evening.
5	29.61	29.59	29.67	71	84	72	75.7	S. W'ly	S. W'ly	S. W'ly	Clear	Clear	Clear		
6	29.69	29.70	29.75	71	75	65	72.0	S. W'ly	W.	N. W.	Clear	Cloudy	Clear		6th. A heavy thunderstorm passed to the north of us. Fragments of the cloud passed our zenith. Thunder sharp and violent, with only a sprinkling of rain.
7	29.75	29.73	29.71	61	83	68	70.7	S. W'ly	S. W.	S. W.	Clear	Clear	Clear		
8	29.69	29.69	29.75	70	83	68	73.7	W'ly	W'ly	N. E.	Clear	Clear	Variable		
9	29.77	29.77	29.77	64	73	68	68.3	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		9th. Wind N. E. Light rain from 8 to 10 A. M. Clouds broken in afternoon.
10	29.78	29.79	29.80	60	67	63	63.3	N. E.	N. E.	N. W.	Rain	Cloudy	Clear	0.28	10th. Wind N. E. Moderate rain in morning. Clouds broken in afternoon. Clear in evening.
11	29.87	29.88	29.89	56	75	66	65.7	N. W.	W'ly	S. W'ly	Clear	Clear	Clear		
12	29.91	29.84	29.81	63	75	70	69.3	S. W'ly	S. W'ly	S. W'ly	Clear	Variable	Cloudy		
13	29.70	29.66	29.64	70	84	78	77.3	S. W.	S. W'ly	S. W'ly	Cloudy	Clear	Clear		
14	29.62	29.58	29.62	73	86	76	78.3	S. W.	W'ly	S. W'ly	Clear	Clear	Clear		14th. Thundershower to N. W. of us. High wind from W'ly in afternoon.
15	29.66	29.66	29.66	72	82	70	73.7	S. W.	S. W'ly	W'ly	Cloudy	Variable	Cl'y, r'n	1.63	15th. Light shower, with thunder, at sunset. Heavy rain from S. E'ly during the night.
16	29.48	29.58	29.70	68	77	68	71.0	N. W.	W'ly	N. W.	Variable	Cloudy	Clear		
17	29.75	29.78	29.83	64	78	68	70.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
18	29.82	29.82	29.81	64	79	70	69.7	N. W.	W'ly	S. W'ly	Clear	Variable	Clear		
19	29.79	29.76	29.75	64	82	70	72.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		
20	29.75	29.78	29.83	67	84	72	74.7	S. W'ly	S. W'ly	S. W'ly	Clear	Variable	Cloudy		
21	29.85	29.87	29.88	70	81	70	73.3	S. W'ly	S. W'ly	S. W'ly	Cloudy	Variable	Clear		
22	29.90	29.89	29.89	64	80	70	71.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
23	29.89	29.87	29.83	66	81	71	72.7	N. W.	W'ly	W'ly	Clear	Clear	Clear		
24	29.80	29.76	29.76	70	85	74	76.3	N'ly	W'ly	S. W'ly	Clear	Clear	Clear		
25	29.77	29.68	29.64	73	88	74	78.3	S. W'ly	S. W'ly	W'ly	Clear	Clear	Rain	0.18	25th. Thundershower from the W., between 9 and 10 P. M.
26	29.73	29.78	29.88	68	74	62	68.0	N. E.	N. E.	N. E'ly	Clear	Clear	Clear		
27	29.96	29.95	29.96	60	75	63	66.0	N. E.	E'ly	E'ly	Clear	Clear	Clear		
28	29.94	29.90	29.88	60	78	67	66.0	S'ly	S'ly	S'ly	Clear	Variable	Cloudy		
29	29.80	29.72	29.70	66	70	68	68.3	S. W'ly	S. W'ly	W'ly	Rain	Rain	Rain	0.60	
30	29.62	29.60	29.57	70	80	74	74.7	S. W.	W'ly	W'ly	Cloudy	Clear	Clear		
31	29.58	29.62	29.49	68	78	72	72.7	W'ly	W'ly	W'ly	Variable	Clear	Clear	0.15	31st. Light showers, with some thunder, between 8 and 9 P. M.
Means	29.73	29.72	29.73	65.5	78.7	69.1	...	...	...	...	...	...	...	2.84	
REDUCED TO SEA LEVEL.															
Max.	30.14	30.13	30.14	73	88	78	78.3								
Min.	29.60	29.60	29.57	50	62	54	63.3								
Mean	29.90	29.89	29.90												
Range	0.54	0.53	0.57	23	26	24	15.0								
Mean of month			29.897	...	...	...	71.1								
Extreme range			0.57	...	...	...	38.0								

August, 1835.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.47	29.49	29.58	72	81	66	73.0	W'ly	N. W.	N. W.	Variable	Variable	Clear		
2	29.66	29.65	29.69	63	76	62	67.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		3d. Light showers, with thunder, from 5 to 6 P. M.
3	29.67	29.61	29.69	56	74	58	62.7	N. W.	N. W.	N. W.	Clear	Clear	Cl'r, sh.	0.10	
4	29.74	29.68	29.74	48	68	56	57.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		4th. At sunrise, thermometer 45°, nearly. Thermometers in the vicinity stood at 42°. Frost in some places in the vicinity.
5	29.76	29.77	29.76	52	72	62	62.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
6	29.76	29.77	29.80	60	71	61	64.0	N. W.	N. E.	S'ly	Variable	Cloudy	Cloudy		6th. Showery P. M., with very light wind from E'ly.
7	29.80	29.80	29.85	57	55	55	55.7	N. E.	N. E.	N. E.	Rain	Rain	Rain	1.50	11th. Cloudy towards evening, with a sprinkling of rain.
8	29.88	29.90	29.89	53	72	64	63.0	N. W.	N. W.	S. W.	Clear	Clear	Clear		
9	29.90	29.82	29.79	60	78	69	69.0	S. W'ly	W'ly	W.	Clear	Clear	Clear		12th. Cloudy in the morning, with light rain. Clear at mid-day, and cloudy at evening with thick fog. Air exceedingly damp.
10	29.79	29.79	29.80	65	81	68	71.3	W'ly	S. W'ly	S. W'ly	Clear	Clear	Clear		
11	29.82	29.81	29.82	68	81	74	74.3	S. W.	S. W.	S. W.	Clear	Clear	Variable		13th. Foggy in the morning. Air very close and damp.
12	29.82	29.83	29.83	72	81	73	75.3	S. W.	S. W.	S. W.	Cloudy	Clear	Cloudy		
13	29.74	29.71	29.69	73	84	74	77.0	S. W.	S. W.	S. W.	Cloudy	Clear	Clear		14th. Light showers from 5 to 6 P. M. Wind hauled more to westward, and became cooler soon after.
14	29.69	29.62	29.77	73	86	68	75.7	S. W.	S. W.	W'ly	Clear	Clear	Variable		
15	29.86	29.88	29.88	63	76	64	67.7	N. E.	N. E.	N. E.	Clear	Clear	Clear		16th. Wind S'ly. Cloudy, with mist, in the morning. Showers from 4 to 5 P. M.
16	29.69	29.67	29.70	64	78	72	71.3	S'ly	S'ly	S'ly	Cloudy	Cloudy	Cloudy		
17	29.72	29.73	29.75	68	80	70	72.7	S. W.	W'ly	W'ly	Clear	Clear	Clear		18th. Light showers from 5 P. M. until dark, continuing from 5 to 10 minutes.
18	29.74	29.65	29.50	67	80	72	73.0	W'ly	S. W.	S'ly	Clear	Clear	Cl'y, sh.	0.15	
19	29.48	29.54	29.70	69	78	60	69.0	S. W.	W'ly	N. W.	Clear	Clear	Clear		
20	29.79	29.79	29.69	60	73	66	66.3	N. W.	W'ly	S'ly	Clear	Clear	Clear		
21	29.63	29.48	29.54	66	74	62	67.3	S. W.	S. W.	W'ly	Rain	Clear	Clear	0.15	21st. Light rain, with thunder, from 5 to 6 A. M.; wind S. W. Clear from 9 to 10 A. M. From 4 to 5 P. M., wind hauled more to westward, and grew much cooler; wind fresh.
22	29.65	29.65	29.69	55	70	60	61.7	N. W.	N. W.	N. W.	Clear	Variable	Clear		
23	29.80	29.90	29.91	54	72	61	62.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
24	29.95	29.93	29.91	54	73	62	63.0	N. W.	S. W'ly	S. W.	Clear	Clear	Clear		
25	29.89	29.82	29.74	59	74	66	66.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		
26	29.69	29.64	29.63	68	73	68	69.0	S. W.	S. W.	S. W.	Cloudy	Rain	Rain		
27	29.63	29.68	29.74	62	77	66	68.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
28	29.65	29.74	29.78	67	72	72	70.3	S. E.	S. E.	S. W.	Variable	Rain	Rain	0.35	28th. Wind S. E'ly in the morning. Commenced raining about 10 A. M. Showery till 10 P. M.
29	29.84	29.82	29.78	70	78	72	73.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		
30	29.65	29.67	29.67	72	76	65	71.0	S. W'ly	W'ly	W'ly	Clear	Clear	Clear		
31	29.66	29.64	29.62	60	74	59	64.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		
Means	29.74	29.73	29.74	62.9	75.4	65.4	...	...	...	...	...	...	...	2.25	
REDUCED TO SEA LEVEL.															
Max.	30.13	30.11	30.09	73	86	74	77.0								
Min.	29.65	29.66	29.68	48	55	55	55.7								
Mean	29.91	29.90	29.91												
Range	0.48	0.45	0.41	25	31	19	21.3								
Mean of month			29.907	...	...	...	67.9								
Extreme range			0.48	...	...	...	38.0								

September, 1835.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.81	29.87	29.92	58	65	58	60.3	N. W.	W'ly	N. W.	Clear	Cloudy	Cloudy		
2	29.90	29.92	30.00	58	64	56	59.3	N. E.	N. E.	N. E.	Variable	Variable	Clear		
3	30.01	30.02	30.04	52	74	62	62.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
4	30.02	30.01	30.03	58	74	64	65.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
5	29.99	29.88	29.88	62	80	70	70.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		
6	29.78	29.71	29.61	70	84	72	75.3	S. W'ly	S. W'ly	S. W.	Clear	Clear	Clear		
7	29.62	29.66	29.79	70	72	54	65.3	S. W.	S. W'ly	N. W.	Variable	Clear	Clear		
8	29.81	29.76	29.76	45	76	56	59.0	N. W.	W'ly	N. W.	Clear	Clear	Clear		
9	29.74	...	...	58	...	...	...	S. W.	...	...	Clear	...	...		
10	...	29.60	29.69	...	78	61	...	...	S. W.	S. W.	...	Clear	Clear		
11	29.80	29.81	29.82	45	64	56	55.0	N. W.	W'ly	W'ly	Clear	Clear	Clear		
12	29.82	29.81	29.90	51	66	57	58.0	E'ly	E'ly	E'ly	Cloudy	Variable	Variable		
13	29.70	29.69	29.70	57	66	55	59.3	N. E'ly	N. E'ly	S. W'ly	Rain	Cloudy	Clear	0.10	13th. Wind N. E'ly at sunrise; cloudy, with occasional rain. Clouds broken through the day. Clear in the evening.
14	29.73	29.74	29.94	51	67	50	56.0	W'ly	W'ly	N. W.	Clear	Variable	Clear		14. Wind W'ly A. M.; weather variable. At 2 or 3 P. M., wind hauled to N. W., and became much cooler. Barometer rose rapidly.
15	30.08	30.07	30.15	41	62	47	50.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		15th. Frost in the vicinity in low places.
16	30.18	30.22	30.25	43	64	48	51.7	N. W.	N'ly	N. E'ly	Clear	Clear	Clear		
17	30.22	30.18	30.17	44	63	49	52.0	N. W.	S. W.	S. W.	Clear	Clear	Clear		
18	30.12	30.05	29.97	42	68	53	54.3	W'ly	S. W.	S. W.	Clear	Clear	Clear		
19	29.84	29.74	29.60	46	68	52	55.3	S. E'ly	S. E'ly	N. E.	Clear	Clear	Cloudy		19th. Wind light E'ly. Clear till towards night, then cloudy, with wind more to N. E.
20	29.37	29.24	29.40	53	67	58	59.3	N. E.	S. W.	W'ly	Rain	Cloudy	Clear	0.25	20th. Wind N. E., rather fresh. Clouds broken at sunrise. Began to rain very moderately from 7 to 8 A. M. Clouds broken at 1 P. M., with wind S W. Clear towards night.
21	29.40	29.41	29.52	56	70	61	62.3	S. W.	S. W.	S. W.	Variable	Clear	Clear		
22	29.56	29.74	29.84	51	68	53	57.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		
23	29.93	29.92	29.93	44	66	48	52.7	W'ly	W'ly	W'ly	Clear	Variable	Clear		26th. First white frost in the College yard.
24	29.93	29.92	29.92	43	62	50	51.7	W'ly	W'ly	W'ly	Clear	Variable	Variable		
25	29.96	29.98	29.92	44	61	50	51.7	W'ly	W'ly	N'ly	Clear	Variable	Variable		
26	29.98	30.04	30.01	42	63	53	52.7	N. E'ly	N. E'ly	N. E'ly	Clear	Clear	Clear		
27	29.78	29.74	29.66	43	62	50	51.7	N'ly	S'ly	S'ly	Variable	Clear	Clear		
28	29.48	29.46	29.51	42	60	56	52.7	N. E'ly	S'ly	S. W'ly	Variable	Variable	Cloudy		
29	29 61	29.62	29.54	49	62	47	52.7	S. W'ly	W'ly	N. W.	Cloudy	Variable	Rain	0.48	
30	29.46	29.40	29.43	40	52	40	54.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
Means	29.81	29.80	29.82	50.3	67.2	54.7	...	...	...	...	...	...	...	0.83	
REDUCED TO SEA LEVEL.															
Max.	30.40	30.40	30.43	70	84	72	75.3								
Min.	29.55	29.42	29.58	40	52	40	44.0								
Mean	29.99	29.97	30.00												
Range	0.95	0.98	0.85	30	32	32	31.3								
Mean of month			29.987	...	...	...	57.4								
Extreme range			1.01	...	...	...	44.0								

October, 1835.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.43	29.40	29.33	39	57	55	50.3	N. W.	S. W'ly	S. W.	Clear	Clear	Cloudy		
2	29.37	29.41	29.39	50	66	56	57.3	S. W.	S. W.	S. W.	Clear	Variable	Variable		
3	29.43	29.41	29.53	46	64	47	52.3	S. W.	S. W.	N. W.	Clear	Cloudy	Clear		
4	29.66	29.65	29.65	42	62	58	54.0	N. W.	S. W.	S. W.	Clear	Variable	Cloudy		
5	29.79	29.81	29.76	55	62	62	59.7	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		5th. Cloudy during the day. Wind at S. W., with occasional dashes of rain.
6	29.56	29.50	29.50	65	66	60	63.7	S. E'ly	S'ly	S. W.	Rain	Rain	Cloudy	2.35	6th. Heavy blow, and copious rain from the S.
7	29.52	29.65	29.77	52	62	48	54.0	W'ly	W'ly	W'ly	Variable	Clear	Clear		
8	29.92	29.92	29.96	42	60	41	47.7	W.	W.	W.	Clear	Clear	Clear		
9	29.92	29.87	29.94	38	56	43	45.7	W.	W.	W.	Clear	Clear	Clear		
10	29.95	29.87	29.84	39	60	49	48.9	W.	S. W.	S. W.	Clear	Clear	Clear		
11	29.72	29.81	30.03	49	62	42	51.0	S. W.	W'ly	N. E.	Clear	Variable	Clear		
12	30.13	30.09	30.07	35	54	44	44.3	W.	W'ly	N. W.	Clear	Clear	Clear		
13	29.99	29.88	29.88	42	64	50	52.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		
14	29.88	29.92	29.93	48	65	51	54.7	S. W.	S. W.	S. W.	Clear	Clear	Foggy		
15	30.01	30.00	30.02	47	61	54	54.0	S. W.	S. W.	S. W.	Foggy	Clear	Foggy		
16	30.05	30.03	30.08	46	65	54	55.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		
17	30.11	30.05	30.05	50	70	57	59.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		
18	30.00	29.96	29.94	57	64	64	61.7	S. W.	S. W.	S. W.	Foggy	Foggy	Foggy		
19	29.96	29.97	30.06	62	74	61	65.7	S. W.	S. W.	S. W.	Foggy	Cloudy	Clear		
20	30.11	30.09	30.10	55	70	62	62.3	S. W.	S. W.	S. W.	Foggy	Clear	Foggy		
21	30.06	30.02	29.99	60	66	57	61.0	N. E.	N. E.	N. E.	Mist	Mist	Mist		
22	30.01	30.01	30.03	57	68	56	60.3	N. E.	W'ly	W'ly	Foggy	Clear	Foggy		
23	30.05	30.00	29.94	53	64	57	58.0	S. W'ly	S. W'ly	S. W'ly	Foggy	Clear	Foggy		
24	29.87	29.84	29.96	57	59	44	53.3	S. W.	N'ly	N. W.	Rain	Cloudy	Clear	0.57	
25	30.17	30.13	30.11	34	46	38	39.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
26	30.08	30.03	30.08	36	56	48	46.7	N. W.	W'ly	W'ly	Clear	Clear	Cloudy		
27	30.18	30.15	30.14	42	58	45	48.3	W'ly	N. E.	W'ly	Clear	Clear	Clear		
28	30.10	29.99	29.96	45	66	55	55.3	W'ly	S. W'ly	W'ly	Cloudy	Clear	Clear		
29	29.95	29.93	29.92	55	71	56	60.7	S. W'ly	S. W.	S. W.	Clear	Clear	Clear		
30	29.92	29.80	29.70	61	69	63	64.3	S. W'ly	S. W.	S. W.	Cloudy	Cloudy	Rain	0.34	
31	29.82	29.83	29.97	47	56	44	49.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
Means	29.89	29.87	29.89	48.6	62.7	52.3	...	...	...	...	...	...	...	3.26	
REDUCED TO SEA LEVEL.															
Max.	30.36	30.33	30.32	65	74	64	65.7								
Min.	29.55	29.58	29.51	34	46	38	39.3								
Mean	30.07	30.04	30.07												
Range	0.81	0.75	0.81	31	28	26	26.4								
Mean of month			30.060	...	...	...	54.5								
Extreme range			0.85	...	...	...	40.0								

November, 1835.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.19	30.23	30.26	30	40	32	34.0	N'ly	N'ly	N'ly	Clear	Clear	Clear		11th. At sunrise, wind light S. E'ly; began to rain at intervals. From 7 to 8 A. M., wind hauled to S'ly, very fresh, with copious rain. From 4 to 5 P. M., wind hauled to W., very high and blustering. Barometer 28.80; began to rise from 5½ to 6 P. M.
2	30.20	30.01	30.00	30	54	45	43.0	S. W'ly	S. W'ly	S. W'ly	Clear	Clear	Cloudy		
3	29.90	29.86	29.85	45	60	47	50.7	N. E.	W'ly	W'ly	Cloudy	Variable	Clear		
4	29.88	29.88	29.90	50	67	54	57.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		
5	29.81	29.72	29.73	54	66	58	59.3	W'ly	W'ly	W'ly	Variable	Cloudy	Clear		
6	29.88	29.91	29.94	44	52	43	46.3	W'ly	W'ly	N. E.	Clear	Variable	Cloudy		The nights of the 12th and 13th were very clear. There was no appearance of the return of the shower of meteors of the 13th of Nov. 1833.
7	29.89	29.83	29.85	41	47	45	44.3	N. E.	N. E.	N. E.	Rain	Cloudy	Cloudy	0.20	The night of the 14th was cloudy.
8	29.88	29.86	29.86	44	50	45	46.3	N'ly	N'ly	N. W.	Variable	Clear	Clear		15th. Cloudy during the day; wind light, S. W'ly and W'ly. Sprinkling of rain P. M.
9	29.73	29.63	29.60	47	58	50	51.7	S. W'ly	W'ly	W'ly	Cloudy	Variable	Clear		
10	29.82	29.82	29.84	39	49	37	45.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		16th. At sunrise, wind fresh at S. W. Low fog-clouds passing rapidly.
11	...	28.93	28.81	...	45	45	...	...	S'ly	W'ly	...	Rain	Clear	0.60	17th. Weather variable during the day; wind W'ly. Between 10 and 12 P. M., a very uncommon aurora appeared; the whole northern part of the heavens was illuminated; the color of the light varied from a deep red to white; a little after 11 P. M., there was a very extraordinary display of red in the zenith. The magnetic needle was very sensibly agitated.
12	28.83	28.84	29.04	37	43	34	38.0	W'ly	W'ly	W'ly	Clear	Variable	Clear		
13	29.31	29.55	29.76	29	34	25	29.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
14	29.93	29.95	29.92	22	41	38	33.7	N. W.	N. W.	S. W.	Clear	Clear	Variable		
15	29.94	29.89	29.90	45	54	49	49.3	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		
16	29.64	29.54	29.52	59	62	59	60.0	S. W.	S. W.	W'ly	Cloudy	Cloudy	Cloudy		
17	29.72	29.68	29.72	46	49	34	43.0	W'ly	W'ly	N. W.	Variable	Cloudy	Clear		18th. Clear day; wind W'ly. The aurora again appeared, but far less brilliant than last evening; there was no appearance of red light.
18	29.78	29.79	29.81	32	54	44	43.3	W'ly	W'ly	S. W'ly	Clear	Clear	Clear		
19	29.81	29.80	29.78	39	54	49	47.3	S. W'ly	S. W'ly	S. W'ly	Foggy	Clear	Foggy		
20	29.72	29.63	29.46	47	54	63	54.7	S. W'ly	S. W'ly	S. W'ly	Clear	Cloudy	Variable		
21	29.62	29.72	29.88	46	49	40	45.0	W'ly	W'ly	W'ly	Clear	Clear	Cloudy		
22	30.06	30.13	30.21	38	40	28	35.3	W'ly	W'ly	W'ly	Cloudy	Cloudy	Cloudy		
23	29.84	29.70	29.60	25	34	25	28.0	N. E.	N. E.	N. E.	Snow	R'n & sn.	Mist	0.70	23d. At sunrise, snowing fast; snow two or three inches deep; continued snowing till 10 or 11 A. M., with hail. Mist and hail, with snow intermingled, till evening.
24	29.76	29.86	29.91	19	30	27	25.3	N. W.	N. W.	N'ly	Clear	Variable	Cloudy		
25	29.96	29.96	29.97	17	30	24	23.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
26	29.94	29.86	29.96	20	37	28	28.3	N. W.	W'ly	N. E.	Clear	Variable	Variable		28th. An inch or two of light snow.
27	30.07	30.06	29.89	14	23	20	19.0	N'ly	N'ly	N. E.	Variable	Variable	Cloudy		30th. Commenced snowing from 11 to 12 A. M.; wind N'ly. Continued snowing moderately till sunset. Snow 1½ to 2 inches deep.
28	29.78	29.57	29.56	21	31	22	24.7	N. E'ly	N. E.	N. W.	Cloudy	Snow	Clear	0.10	
29	29.47	29.50	29.68	21	25	12	19.3	N. W.	N. W.	N. W.	Variable	Clear	Clear		
30	29.82	29.77	29.77	10	21	17	16.0	N. W.	N. W.	N. W.	Cloudy	Snow	Clear	0.12	
Means	29.80	29.75	29.77	34.9	45.1	38.3	...	...	...	...	...	...	...	1.72	
REDUCED TO SEA LEVEL.															
Max.	30.38	30.41	30.44	59	67	59	60.0								
Min.	29.48	29.11	28.99	10	21	12	16.0								
Mean	29.98	29.93	29.95												
Range	0.90	1.30	1.45	49	46	47	44.0								
Mean of month			29.953	...	...	...	37.7								
Extreme range			1.45	...	...	...	57.0								

December, 1835.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M		
1	29.82	29.82	29.83	11	26	24	19.0	N. W.	N. W.	N. W.	Clear	Clear	Cloudy		
2	29.88	30.03	30.18	19	13	4	12.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
3	30.23	30.20	30.11	4	25	15	14.7	N. W.	N. W.	W'ly	Clear	Clear	Clear		
4	29.88	29.62	29.49	21	40	34	32.0	S. W.	S. W.	S. W.	Variable	Cloudy	Cloudy		
5	29.43	29.33	29.43	30	31	17	26.0	S. W.	W'ly	N. W.	Cloudy	Cloudy	Clear		
6	29.52	29.54	29.48	11	21	18	16.7	N. W.	N. W.	W'ly	Clear	Variable	Cloudy		
7	29.57	29.66	29.70	15	21	18	18.0	N. W.	W'ly	N. W.	Clear	Clear	Clear		
8	29.68	29.68	29.78	15	28	20	21.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		9th. Cloudy during the early part of the evening, with frequent lightning.
9	29.68	29.50	29.38	15	31	18	21.3	W'ly	N. E.	W'ly	Clear	Cloudy	Cloudy		12th. Wind light, N. E. Began to snow from 5 to 6 A. M. During the day, snow and hail in turn.
10	29.78	29.81	30.04	18	24	13	18.3	N. W.	N. W.	N. W.	Clear	Clear	Cloudy		13th. The ground and trees very thickly covered with ice; many trees broken by its weight. Wind very light from W'ly all day.
11	30.15	30.16	30.17	8	22	20	16.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
12	30.01	29.88	29.57	25	32	32	29.7	N. E.	N. E.	N. E.	Snow	Sn. & h'l	R'n & h'l	1.25	
13	29.67	29.57	29.58	28	30	22	26.8	W'ly	W'ly	N. W.	Variable	Variable	Clear		14th. In the morning clear, with wind light W'ly. From 12 M. to 1 P. M., hauled round to N'ly, with a flurry of snow. In evening, wind high and blustering, from W'ly.
14	29.47	29.52	29.37	22	32	22	25.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		
15	29.62	29.59	29.59	8	19	18	15.0	N. W.	N. W.	W'ly	Clear	Variable	Variable		
16	29.63	29.69	29.85	—4	—7	—12	—7.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		15th. Wind moderate from W. during the day; high and blustering in the evening.
17	30.02	29.99	30.09	—8	5	0	—1.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
18	30.13	30.13	30.14	—1	14	15	9.3	N. W.	N. W.	W'ly	Variable	Variable	Cloudy		16th. At sunrise, thermometer at 4° below zero, with the wind brisk and piercing from N. W. Wind strong all day, and cold increasing till sunset, when the thermometer stood at nearly 13° below zero, which is 4° lower than any entry made during the four years past. At 10 P. M., the thermometer stood at 12° below zero; the wind a little abated, but still brisk. The severity of the cold has been excessive during the day.
19	30.15	30.15	30.23	15	24	21	20.0	N'ly	N'ly	N. E'ly	Snow	Cloudy	Cloudy		
20	30.14	30.00	29.84	24	30	29	27.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		
21	29.75	29.73	29.73	36	43	34	37.7	W'ly	W'ly	W'ly	Cloudy	Cloudy	Cloudy		
22	29.71	29.72	29.75	30	35	24	29.7	S. W'ly	W'ly	N. W.	Variable	Variable	Clear		
23	29.99	30.07	30.05	13	24	15	17.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
24	30.21	30.14	30.09	9	28	26	21.0	W'ly	W'ly	S. W'ly	Clear	Clear	Clear		
25	29.87	29.82	29.75	35	37	37	36.3	S. W'ly	S. W.	S. W.	Rain	Cloudy	Rain	0.40	25th. At sunrise, wind S. W. Very light rain during the morning. Cloudy all day; some rain during the night.
26	29.60	29.44	29.10	42	42	42	42.0	S. W.	S. W.	N'ly	Rain	Cloudy	Rain	1.60	26th. Wind S. W., very light all day. Moderate rain and mist during the morning. Rain increased during the afternoon; heavy at night, with the wind at N. W'ly. Cleared before morning.
27	29.25	29.34	29.55	36	33	22	30.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		27th. Blustering.
28	29.78	29.58	29.80	18	26	22	33.0	W'ly	W'ly	W'ly	Variable	Cloudy	Clear		
29	29.77	29.70	29.63	19	36	34	29.7	W'ly	S. E'ly	E'ly	Clear	Cloudy	Cloudy		
30	29.50	29.40	29.42	34	34	29	32.3	N. E.	N. E.	N. E.	Misty	Misty	Cloudy		30th. Wind N. E; misty all day. Clouds broken and being dispersed from 11 to 12 P. M.
31	29.51	29.56	29.71	27	27	20	24.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
Means	29.79	29.75	29.76	18.6	26.6	21.1	...	...	...	...	...	...	...	3.25	
REDUCED TO SEA LEVEL.															
Max.	30.41	30.38	30.41	42	43	42	42.0								
Min.	29.43	29.52	29.55	—8	—7	—12	—7.7								
Mean	29.97	29.93	29.94												
Range	0.98	0.86	0.86	50	50	54	49.7								
Mean of month			29.947	...	...	...	22.1								
Extreme range			0.98	...	...	...	55.0								

January, 1836.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.77	29.75	29.77	16	35	24	25.0	N. W.	W'ly	W'ly	Clear	Variable	Clear		1st. Variable during the day. Evening beautifully clear.
2	29.81	29.80	29.93	27	41	30	32.7	S. W.	S. W.	W.	Variable	Clear	Clear		3d. Clear and pleasant during the day. In the evening, wind came round to N'ly.
3	30.08	30.16	30.23	24	29	20	24.3	W'ly	N. W'ly	N'ly	Clear	Clear	Clear		
4	30.24	30.12	29.94	27	31	33	30.3	N. E.	E'ly	E'ly	Cloudy	Cloudy	Rain	0.50	4th. Began to snow very moderately about 2 P. M.; soon turned to hail, then to rain, about sunset. Wind all day, light N E'ly.
5	29.87	29.87	30.00	32	33	32	32.3	N. E.	N. E.	N. E.	Cloudy	Rain	Cloudy	0.25	
6	30.17	30.18	30.23	19	21	17	19.0	N. E'ly	N. E'ly	N. E'ly	Cloudy	Cloudy	Cloudy		5th. Wind light N. E'ly. Rain at intervals during the day. During the night, wind hauled more to N'ly, and became cooler, with a light fall of snow.
7	30.18	30.10	30.01	23	32	32	29.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		
8	29.87	29.76	29.61	32	35	34	33.7	N. E.	E'ly	E'ly	Cloudy	Cloudy	Rain		
9	29.40	29.26	29.11	34	26	30	30.0	N. E.	N. E.	N. E'ly	Mist	Hail	Snow	0.60	
10	29.07	29.08	29.14	32	34	34	33.3	N. E.	N. E.	N. E.	Rain	Rain	Rain		6th. Wind moderate, N. E'ly. Cloudy, with some mist.
11	29.32	29.33	29.39	34	38	35	35.7	N. E.	N. E.	N. W.	Cloudy	Cloudy	Clear		7th. Wind moderate, N. E'ly. Cloudy.
12	29.45	29.49	29.61	35	42	36	37.7	N. W.	N. W.	N. W.	Variable	Clear	Clear		8th. Wind fresh E'ly all day; increased at night.
13	29.69	29.68	29.71	32	43	30	35.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		9th. Wind heavy from N. E.; misty. Grew cooler, and began to hail from 11 to 12 A. M. Hail and snow, but mostly hail, till 10 P. M., when wind hauled more to E'ly, very heavy; snow and hail continued.
14	29.75	29.75	29.75	30	40	30	33.3	W'ly	W'ly	W'ly	Clear	Clear	Variable		
15	29.77	29.63	29.83	27	31	12	23.3	W'ly	W'ly	N. W.	Clear	Clear	Clear		
16	29.95	29.98	30.00	6	17	9	10.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		10th. Light rain nearly all day. Wind N. E.
17	29.99	29.90	29.69	8	18	20	15.3	N. E.	N. E.	N. E.	Variable	Cloudy	Snow		11. Cloudy, with wind hauling to N'ly. From 3 to 5 P. M., clouds broken and wind N. W'ly. Clear late in the evening.
18	29.38	29.28	29.49	30	26	25	27.0	N. E.	N. E.	N. W.	Mist	Snow	Clear	0.75	
19	29.73	29.71	29.87	18	31	26	25.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		12th. Wind N. W. Variable A. M. Clear P. M. Weather very mild.
20	29.93	29.91	30.08	14	25	12	17.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		
21	30.13	30.06	29.88	5	29	33	22.3	W'ly	S. W'ly	S. W'ly	Clear	Clear	Cl'dy, r'n	0.43	13th. Clear, mild, and pleasant.
22	29.49	29.46	29.69	40	42	26	36.0	S. W.	W'ly	N. W.	Cloudy	Cloudy	Variable		17th. Light wind N. E. Began to snow moderately at 2 P. M.; snowed till night 4 inches.
23	29.87	29.90	30.17	20	22	12	18.0	N. W.	N. W.	N. W.	Variable	Clear	Clear		18th. Light wind N. E. Misty in morning. Snow from 11 A. M. to 2 P. M. Clouds broken at 4 P. M. Clear and mild in the evening.
24	30.38	30.33	30.08	8	24	18	16.7	N. W.	N. W.	N. E.	Clear	Clear	Snow		
25	29.30	29.18	29.60	32	24	20	25.3	N. E.	N. E.	N. W.	Rain	Snow	Clear	2.50	19th. Very fine.
26	29.68	29.74	29.78	15	28	18	20.3	W'ly	W'ly	W'ly	Variable	Variable	Clear		20th. Pleasant.
27	29.82	29.80	29.88	16	23	13	17.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		21st. Mild and pleasant during the day. Hazy in S. W. at sunset. Cloudy in evening. Began to rain from 10 to 11 P. M.; rain during night.
28	29.87	29.80	29.82	5	14	5	8.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
29	29.85	29.85	29.84	2	17	20	13.0	W'ly	W'ly	S. W'ly	Clear	Clear	Variable		22d. Cloudy morning; wind S. W. Clouds broken from 2 to 3 P. M., with wind W'ly.
30	29.84	29.78	29.74	24	36	29	29.7	S. W'ly	S. W.	S. W.	Variable	Variable	Variable		23d. Weather mostly clear during the day.
31	29.59	29.35	29.22	30	34	33	31.3	S. W.	S. W'ly	N'ly	Snow	Rain	Snow	0.60	24th. At sunrise, wind N. W.; clear. From 1 to 3 P. M., wind came to S. W'ly. Air grew hazy and raw towards night. Cloudy in evening. Began snowing fast, with wind N. E'ly, from 9 to 10 P. M.
Means	29.78	29.74	29.79	22.5	29.7	24.0	...	...	...	...	...	...	...	5.63	
REDUCED TO SEA LEVEL.															
Max.	30.56	30.51	30.41	40	43	36	37.7								
Min.	29.25	29.26	29.29	2	14	5	8.0								
Mean	29.96	29.92	29.87												
Range	1.31	1.25	1.12	38	29	31	29.7								
Mean of month			29.917	...	...	...	25.4								
Extreme range			1.31	...	...	...	41.0								

25th. At sunrise, raining, with wind N. E. Snow 5 or 6 inches deep. Rain continued till 10 A. M. to 12 M. From 1 to 2 P. M., wind hauled more to N'ly, and barometer began to rise. From 4 to 5 P. M., wind N. W. Clear in the evening. Quantity of rain and snow, as nearly as could be ascertained, equal to 2.50 inches of water.

31st. At sunrise, wind very light S. W'ly. Began snowing from 7 to 8 A. M.; changed to rain from 11 A. M. to 12 M. From 3 to 4 P. M., wind came to N. W.; grew cooler, with more snow.

February, 1836.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.24	29.31	29.53	20	25	3	16.0	N'ly	N. W.	N. W.	Cloudy	Variable	Clear		2d. Wind brisk N. W'ly.
2	29.61	29.62	29.65	—6	3	—4	—2.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		3d. Wind light W'ly. Cold, but pleasant.
3	29.76	29.74	29.81	—3	10	0	2.3	W'ly	W.	W.	Clear	Clear	Clear		4th. Wind N'ly. Air very cold and raw. Flurry of snow from 1 to 2 P. M.
4	29.81	29.81	29.84	0	7	—2	1.7	N. W.	N'ly	N'ly	Cloudy	Cloudy	Variable		5th and 6th. Cold, but pleasant.
5	29.85	29.82	29.84	—5	6	—3	—0.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		7th. Wind light E'ly all day. Variable A. M. Cloudy P. M.; air raw. Began to snow from 9 to 10 P. M.
6	29.92	29.93	30.11	—6	14	8	5.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		
7	30.21	30.20	30.15	5	26	22	17.7	E'ly	E'ly	E'ly	Variable	Variable	Snow		8th. At sunrise, wind E'ly; snowing fast. From 9 to 10 A. M., wind hauled more to S. E'ly, with rain. Ceased raining from 3 to 4 P. M. Wind came to W'ly, and cleared in the evening. Quantity of snow and rain, in water, equal to about 1.75 inch.
8	29.80	29.29	29.12	30	42	28	33.3	E'ly	S. E'ly	W'ly	Snow	Rain	Clear	1.75	
9	29.51	29.56	29.57	25	33	29	29.0	W'ly	S. W'ly	S. W.	Clear	Clear	Variable		
10	29.77	29.80	29.97	23	33	23	26.3	W'ly	W'ly	W'ly	Variable	Clear	Clear		
11	30.17	30.20	30.27	14	28	20	20.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		
12	30.27	30.21	30.07	20	30	28	26.0	N'ly	N'ly	E'ly	Cloudy	Cloudy	Cloudy		12th. A little light snow in the morning. Cloudy all day.
13	29.89	29.71	29.59	30	33	30	31.0	N. E'ly	N. E'ly	N. E.	R'n & h'l	Mist	Mist	0.35	13th. Light rain, hail, and mist during the day.
14	29.47	29.44	29.52	22	20	8	16.7	N. W.	N. W.	N. W.	Cloudy	Cloudy	Clear		14th. Wind rather blustering and raw all day.
15	29.56	29.47	29.42	2	18	14	11.3	W'ly	W'ly	W'ly	Clear	Variable	Cloudy		15th. Wind brisk W'ly. Variable A. M. Cloudy, with a flurry of snow, P. M.
16	29.64	29.71	29.86	8	16	8	10.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
17	29.90	29.85	29.90	4	16	9	9.7	N. W'ly	N. E.	N. E.	Clear	Snow	Snow	0.10	17th. At sunrise, clear; wind light N. W'ly. Wind came to N. E'ly, and clouded over from 9 to 10 A. M., and a snow-mist began, and continued increasing till night.
18	30.11	30.10	30.14	1	13	3	5.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
19	30.17	30.20	30.12	—4	19	16	10.3	N. W.	N. W.	N. E.	Variable	Variable	Cloudy		18th. Cold, but not severe.
20	30.04	29.91	29.80	16	32	28	25.3	N. E.	N. E.	N. E.	Snow	Mist	Rain	0.10	19th. Two inches of snow during the night.
21	29.72	29.67	29.66	30	37	39	35.3	N. E'ly	N. E'ly	N. E.	Rain	Rain	Cloudy		20th. Very little snow in the morning. Misty, with some rain, during the day.
22	29.71	29.70	29.78	31	44	35	36.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		21st. Very moderate rain at intervals during the day.
23	29.89	29.90	29.87	29	45	34	36.0	N. W.	S. W.	S. W.	Clear	Variable	Clear		
24	29.75	29.65	29.26	33	40	42	38.3	N. E.	E'ly	S. E'ly	Cloudy	Cloudy	Rain	0.90	22d. Very fine.
25	29.09	29.35	29.69	37	29	18	28.0	W'ly	W'ly	W'ly	Clear	Variable	Variable		23d. Mild and pleasant.
26	29.80	29.69	29.52	17	16	12	15.0	N. W'ly	N. E'ly	N. E.	Cloudy	Snow	Snow	0.25	24th. Cloudy and foggy morning. Began to rain from 4 to 5 P. M., and continued during the night.
27	29.82	29.90	30.08	9	20	14	14.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		25th. Wind W'ly, very high; raw and blustering.
28	30.24	30.25	30.33	10	22	12	14.7	W'ly	W'ly	W'ly	Clear	Clear	Variable		26th. Wind N. W'ly at sunrise. Came to N. E'ly, and began to snow from 11 to 12 A. M., and continued till night. Cleared before morning.
29	30.36	30.20	29.85	5	34	32	23.7	E'ly	E'ly	E'ly	Variable	Cloudy	Rain		27th. Cold, but pleasant.
Means	29.83	29.80	29.80	13.7	24.5	17.4	...	...	...	...	...	...	...	3.45	28th. Clear and pleasant, though cold.
REDUCED TO SEA LEVEL.															29th. At sunrise, wind light E'ly; variable. Began to snow from 2 to 3 P. M.; turned to rain in the evening.
Max.	30.54	30.43	30.51	37	45	42	38.3								
Min.	29.27	29.47	29.30	—6	3	—4	—2.3								
Mean	30.01	29.98	29.98												
Range	1.27	0.96	1.21	43	42	46	40.6								
Mean of month			29.990	...	...	...	18.5								
Extreme range			1.27	...	...	...	51.0								

	Days.
S'ly & S. W'ly	2
W'ly & N. W'ly	17
N. E'ly & E'ly	10

	Days.
Clear	12
Variable	5
Cloudy	3
Rainy	9

March, 1836.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.49	29.38	29.15	34	35	34	34.3	S. W'ly	S. W'ly	S. W'ly	Rain	Cloudy	Rain	1.50	1st. Rainy at intervals during the day. Heavy rain at night.
2	29.51	29.56	29.99	24	25	11	20.0	N. W.	W'ly	W'ly	Clear	Clear	Clear		2d. Cold, searching wind W'ly.
3	30.01	29.98	29.95	10	27	26	21.0	S. W'ly	S. W'ly	S. W.	Cloudy	Clear	Clear		3d. At sunrise, wind S. W'ly; cloudy. Flurry of snow from 7 to 8 A. M. Clear day.
4	29.97	29.86	29.66	19	41	32	30.7	S. W'ly	S. W'ly	S. W.	Clear	Clear	Clear		4th. Mild and fine.
5	29.36	29.35	29.71	34	43	17	31.3	S. W.	W'ly	N. W.	Cloudy	Clear	Clear		5th. Foggy at sunrise. Cleared from 9 to 10 A. M. Wind came round to N. W. Blustering and cold towards night.
6	29.81	29.72	29.65	13	32	28	24.3	N. W.	S. W.	S. W.	Variable	Variable	Clear		
7	29.60	29.61	29.61	28	36	26	30.0	S. W.	W'ly	N. W.	Variable	Clear	Clear		
8	29.55	29.55	29.66	24	36	26	28.7	N. E.	N. E.	W'ly	Cloudy	Cloudy	Clear		10th. At sunrise, wind very light N. E.; cloudy, with some mist. In afternoon, wind came round to S'ly. Began to rain from 4 to 5 P. M., with wind S. W. Heavy rain and high wind in evening. Rain estimated at 2 inches.
9	29.87	29.87	29.87	16	36	31	27.7	N. E'ly	N. E'ly	W'ly	Clear	Clear	Clear		
10	29.78	29.68	29.41	31	40	46	39.0	N. E.	N. E.	S. W.	Clear	Clear	Rain	2.00	
11	29.25	29.45	29.57	42	38	30	36.7	S. W'ly	W.	N'ly	Cloudy	Clear	Clear		11th. Cloudy at sunrise; wind S. W'ly. From 8 to 9 A. M., wind came to W'ly. Continued blustering during the day; weather clear. River opened by the boats, after being frozen up since the 27th of January.
12	29.90	29.91	30.11	16	22	15	17.6	W.	W.	N. W.	Clear	Clear	Clear		
13	30.29	30.28	30.10	10	26	26	20.7	N. W.	S. W'ly	S. W'ly	Clear	Variable	Cloudy		
14	29.73	29.72	29.89	40	47	28	38.3	S. W.	S. W'ly	N. W.	Rain	Cloudy	Clear	0.50	
15	30.05	30.06	30.16	21	30	23	24.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		12th. Cold and blustering.
16	30.24	30.16	30.10	17	36	26	26.3	N. W.	N. W.	N. W'ly	Clear	Clear	Clear		13th. Weather raw and cold, with the wind brisk at S. W. Snow during the night, with rain in the morning.
17	29.87	29.66	29.46	30	38	42	36.7	S. W.	S'ly	S. W.	Rain	Mist	Mist	0.10	
18	29.56	29.61	29.87	38	38	25	33.7	W'ly	N. W.	N. W.	Clear	Variable	Clear		14th. Light wind at sunrise; wind S. W'ly. Cloudy during the day.
19	30.06	30.02	29.94	17	33	26	25.3	N. W.	W'ly	S. W.	Clear	Clear	Cloudy		15th. Air raw and blustering.
20	29.87	29.80	29.81	25	32	24	27.0	W'ly	N. W'ly	N. W.	Variable	Clear	Clear		16th. Pleasant day.
21	29.86	29.82	29.80	24	38	28	30.0	W'ly	S. W.	S. W'ly	Clear	Clear	Variable		17th. Light rain at intervals during the day; wind light S. W. Blustering in the evening.
22	29.63	29.51	29.43	24	36	28	29.3	E'ly	E'ly	N. E.	Variable	Cloudy	Snow	0.75	18th. Very blustering.
23	29.59	29.71	29.91	26	34	23	27.7	W'ly	W'ly	N. W.	Variable	Clear	Cloudy		19th. Pleasant morning. Raw and chilly, with wind S. W., in afternoon.
24	29.92	29.92	29.92	17	44	33	31.3	W'ly	S. W.	S. W.	Variable	Clear	Variable		20th. Wind raw and chilly.
25	29.94	30.05	30.10	26	34	26	28.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		21st. Wind light W'ly; chilly.
26	30.22	30.24	30.18	18	34	26	26.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
27	30.06	29.95	29.86	27	46	36	36.3	S. W.	S. W.	S. W.	Clear	Clear	Variable		22d. At sunrise, wind light E'ly, with clouds in the E. At 12 M., cloudy and raw. Began to snow from 4 to 5 P. M., with wind light at N. E.
28	29.81	29.84	29.91	35	47	35	39.0	N. E.	N. E.	N. E.	Variable	Variable	Variable		23d. Pleasant day.
29	30.02	30.08	30.16	32	39	33	34.6	N. E.	N. E.	N. E.	Snow	Cloudy	Cloudy	0.15	24th. Very pleasant. Flurry of snow during the night.
30	30.10	30.16	30.17	28	43	33	34.7	E'ly	E'ly	E'ly	Variable	Cloudy	Cloudy		25th. Pleasant.
31	30.17	30.14	30.08	28	49	36	37.7	N. E'ly	E'ly	N'ly	Clear	Clear	Clear		26th. Cool, but pleasant.
Means	29.84	29.83	29.84	24.9	36.6	28.3	...	...	...	...	...	...	...	5.00	27th. Wind fresh from S. W.; air raw.
REDUCED TO SEA LEVEL.															28th. Wind light N. E'ly. Weather mild.
Max.	30.47	30.46	30.36	42	49	46	39.0								29th. Light snow at sunrise. Cloudy during the day.
Min.	29.43	29.53	29.33	10	22	11	17.6								30th. Cloudy, with E'ly wind.
Mean	30.02	30.01	30.02												31st. Very pleasant day.
Range	1.04	0.93	1.03	32	27	35	21.4								
Mean of month			30.017	...	...	...	30.0								
Extreme range			1.14	...	...	...	39.0								

	Days.
S'ly & S. W'ly	10
W'ly & N. W'ly	13
N. E'ly & E'ly	8

	Days.
Clear	19
Variable	5
Cloudy	2
Rainy	5

April, 1836.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.95	29.89	29.87	33	54	36	41.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		1st. Very pleasant.
2	29.78	29.77	29.73	35	52	40	42.3	W'ly	W'ly	S. W'ly	Variable	Cloudy	Cloudy		2d. Pleasant.
3	29.66	29.64	29.64	33	56	39	42.7	S. W'ly	S. W'ly	S'ly	Variable	Clear	Cloudy		3d. Very pleasant.
4	29.63	29.61	29.56	32	48	40	40.0	N'ly	E'ly	N. E'ly	Foggy	Cloudy	Cloudy		
5	29.64	29.71	29.81	32	42	30	34.7	N. E.	N. E'ly	N. E'ly	Variable	Clear	Clear		
6	29.83	29.83	29.93	24	43	28	31.7	N. E.	W'ly	N. W.	Variable	Clear	Cloudy		
7	29.96	29.96	29.97	20	42	32	31.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
8	29.99	29.99	29.67	30	44	48	40.7	W'ly	S. W.	S. W.	Clear	Cloudy	Cloudy		
9	29.71	29.67	29.64	48	61	53	54.0	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		
10	29.51	29.42	29.70	53	53	34	46.7	S. W.	S. W.	N. W.	Cloudy	Cloudy	Clear		
11	29.86	29.90	29.99	26	44	31	33.7	N. W.	N. W.	N. W.	Clear	Clear	Cloudy		
12	30.14	30.18	30.20	21	43	32	32.0	N. W.	N. W.	S. W.	Clear	Clear	Clear		
13	30.21	30.14	29.72	31	41	38	36.7	S. W.	S. E.	S. E.	Cloudy	Cl'dy, r'n	Cl'dy, r'n	1.70	
14	29.37	29.44	29.53	36	45	43	41.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
15	29.55	29.66	29.84	39	42	33	38.0	N. W.	N. E.	N. W.	Cloudy	Cloudy	Clear		
16	29.97	30.04	30.07	33	51	36	40.0	N. E.	N. E.	S. W.	Cloudy	Clear	Clear		
17	30.12	30.14	30.14	34	52	36	40.7	S. W.	S. W.	S. W.	Variable	Clear	Clear		
18	30.05	29.93	29.82	36	64	51	50.3	S. W.	S'ly	S'ly	Variable	Variable	Rain	0.40	19th. Sprinkling of rain from N. E. in afternoon.
19	29.84	29.95	30.02	54	56	47	52.3	S. W.	N. W'ly	N. E.	Variable	Cloudy	Cloudy		21st. Variable during the day; wind N. E. Light rain at night.
20	30.13	30.19	30.18	42	60	38	46.6	N. E.	N. E'ly	N. E'ly	Variable	Clear	Variable		
21	29.87	29.76	29.58	39	59	46	48.0	N. E.	N. E.	N. E.	Mist	Variable	Cloudy	0.10	22d. Wind W'ly, very blustering. Auroral meteor in the evening; brushes of faint white light shooting quite up to the zenith.
22	29.43	29.69	29.98	42	40	32	38.0	W'ly	W'ly	N. W.	Cloudy	Clear	Clear		
23	29.98	29.98	29.93	28	50	44	40.7	S. W.	S. W.	W.	Variable	Variable	Clear		23d. Wind S. W'ly and W'ly; raw and blustering.
24	29.93	30.08	30.19	38	45	36	39.6	N. W.	N. W.	N. W.	Clear	Clear	Clear		
25	30.36	30.30	30.17	25	48	36	36.3	N. W.	S. W.	S. W.	Clear	Clear	Variable		24th. Weather raw and blustering.
26	29.90	29.70	29.58	44	68	62	58.0	S. W.	S. W.	S. W.	Rain	Clear	Clear		26th. Showery in morning; very mild. Clear in afternoon. Fresh wind in the evening.
27	29.59	29.56	30.01	60	61	46	55.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		27th. Very fine.
28	30.11	30.12	30.12	40	61	58	53.0	N. W.	S. W.	S. W.	Clear	Clear	Variable		28th. Pleasant day.
29	30.10	29.92	29.82	59	51	59	56.3	S. W.	S. W.	S. W.	Rain	Rain	Misty	0.10	29th. Showery; weather mild.
30	30.08	30.12	30.13	42	61	46	44.7	N. E.	N. E.	N'ly	Cloudy	Variable	Clear		
Means	29.87	29.87	29.88	36.9	51.3	41.0	...	...	...	...	...	...	...	2.30	
REDUCED TO SEA LEVEL.															
Max.	30.54	30.48	30.38	60	68	62	58.0								
Min.	29.55	29.62	29.74	20	40	28	31.3								
Mean	30.05	30.05	30.06												
Range	0.99	0.86	0.64	40	28	34	26.7								
Mean of month			30.053	...	...	...	43.1								
Extreme range			0.99	...	...	...	48.0								

	Days.
S'ly & S. W'ly	11
W'ly & N. W'ly	11
N. E'ly & E'ly	8

	Days.
Clear	15
Variable	5
Cloudy	7
Rainy	3

May, 1836.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	30.13	30.02	29.92	44	62	53	53.0	W'ly	S. W.	S. W.	Clear	Clear	Clear		1st. Very fine.
2	29.82	29.68	29.62	50	76	68	64.7	S. W.	S. W.	S. W.	Clear	Clear	Cloudy		2d. Very pleasant. Cloudy towards night, with light shower at sunset. Thunder and light shower in the evening.
3	29.50	29.48	29.52	66	81	47	64.7	S. W'ly	S. W'ly	N. E.	Variable	Clear	Rain	0.56	3d. Variable morning; wind S. W'ly. Very hot from 10 A. M. to 4 P. M., when wind came to N. E., and began to grow cooler.
4	29.49	29.55	29.74	48	70	54	57.3	N. E.	N. W.	N. W.	Variable	Clear	Clear		4th, 5th, and 6th. Very fine.
5	29.82	29.82	29.86	42	64	50	52.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
6	29.92	29.91	29.87	44	64	50	52.7	N. W.	S'ly	S'ly	Clear	Clear	Clear		7th. Began to rain at 1 P. M. Wind S. W., mild.
7	29.82	29.72	29.57	50	61	52	54.3	S. W.	S. W.	S. W.	Variable	Rain	Rain	1.10	8th. Pleasant during the day. At sunset, wind light S. W'ly. In evening, diffused light round the north; at about 9½ o'clock, beams of faint white light shot up from the east, or a little to the south of east, half way to the zenith. At 9¾ o'clock, a beautiful bow or belt of white light extended from said point in the east, across the heavens, south of the zenith, and terminated a little to the north of west. It descended on each side to within 6° or 8° of the horizon, and terminated conically. The belt was broadest in the central portions; it moved slowly to the south. At 10 o'clock, the middle of it passed through the northern part of the Sickle, the Dolphin, Arcturus, &c. At 10¼ o'clock, it had entirely disappeared. It very much resembled the bow seen in August, 1827.
8	29.56	29.81	29.81	48	60	47	51.7	N'ly	N'ly	N. W'ly	Variable	Clear	Clear		
9	29.86	29.93	29.97	41	64	46	50.3	N'ly	N. E'ly	S'ly	Clear	Clear	Clear		
10	29.97	29.96	29.96	44	72	50	55.3	W'ly	S. W'ly	S. W.	Clear	Clear	Clear		
11	29.91	29.80	29.76	50	79	56	61.7	S. W'ly	S. W'ly	S. W.	Clear	Clear	Clear		
12	29.60	29.57	29.43	54	75	58	62.3	S. W.	S. W.	S. W.	Clear	Clear	Cloudy		
13	29.32	29.50	29.85	60	62	42	54.7	S. W.	N. W.	N. E.	Cloudy	Clear	Cloudy		
14	30.07	30.07	30.09	34	56	44	44.7	N. E'ly	N. E'ly	S. W'ly	Clear	Clear	Clear		
15	30.09	30.10	30.02	44	62	47	51.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		
16	29.92	29.80	29.76	50	76	60	62.0	S. W.	S. W.	S. W.	Clear	Clear	Cloudy		
17	29.72	29.72	29.72	58	80	62	66.7	S. W'ly	S. W.	S. W.	Clear	Clear	Clear		
18	29.80	29.78	29.78	59	79	66	68.0	W'ly	N. W.	S. W.	Clear	Variable	Clear		
19	29.90	29.89	29.99	56	74	60	63.3	N. W.	N. W.	N. E.	Clear	Clear	Clear		
20	30.10	30.00	29.90	50	68	56	58.0	N. E.	S'ly	S'ly	Clear	Variable	Rain		11th. Very fine.
21	29.75	29.63	29.63	61	81	72	71.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		12th. Beautiful day. Towards sunset, cloudy and damp, with wind S'ly.
22	29.69	29.72	29.71	54	64	48	55.3	N. E.	N. E.	N. E.	Cloudy	Clear	Cloudy		13th. Warm and rather sultry morning; wind S. W'ly. Wind hauled W'ly towards noon. From noon to 1 P. M., came round to N'ly, and soon to N. E., with a gust. Very suddenly changed from warm to cold. Barometer rose rapidly.
23	29.63	29.62	29.68	48	63	48	53.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		
24	29.73	29.75	29.73	47	53	44	48.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Rain	0.65	15th. Beautiful day. The eclipse of the sun commenced and terminated a little later than the computed time; the duration very nearly the same—that is, only 5½ seconds longer.
25	29.60	29.62	29.76	46	55	46	49.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		
26	29.82	30.02	30.05	46	49	43	46.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		
27	30.03	30.03	29.98	40	46	44	43.3	N. E.	N. E'ly	N. E.	Cloudy	Cloudy	Cloudy		
28	29.88	29.82	29.76	44	56	48	49.3	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		
29	29.74	29.79	29.88	50	53	47	50.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		
30	29.90	29.99	30.05	43	46	42	43.7	N. E.	N. E.	N. E.	Rain	Cloudy	Cloudy	0.20	16th. Clear during the day. Wind very brisk at S. W., and cloudy in evening.
31	30.03	30.01	29.95	42	56	39	45.7	N. E.	N. E.	N. E.	Variable	Clear	Clear		18th. Mostly clear during the day. Heavy gust from S. W., at from 5½ to 6 P. M., with thunder.
Means	29.81	29.81	29.82	48.8	64.7	51.2	...	...	...	...	...	...	...	2.51	20th. Clear morning. Variable afternoon. Began to rain at 10 P. M. Rained but little.
REDUCED TO SEA LEVEL.															24th. Began to rain from 9 to 10 P. M.
Max.	30.31	30.28	30.27	66	81	72	71.3								25th. From 9 to 10 P. M., observed two currents of clouds passing the moon; the lower from N. E. rapidly, the higher from W'ly.
Min.	29.50	29.66	29.61	34	46	39	43.3								26th. Air very raw and cold.
Mean	29.99	29.98	30.00												27. Still cold, with occasional mist and sprinkling of rain.
Range	0.81	0.62	0.66	32	35	33	28.0								28th. Wind N. E.; occasional mist.
Mean of month			29.990	...	...	...	54.9								29th. Wind N. E.; occasional sprinkling P. M.
Extreme range			0.81	...	...	...	47.0								30th. Wind N. E.; rain in the morning. Clouds broken in the evening.

	Days.
S'ly & S. W'ly	12
W'ly & N. W'ly	6
N. E'ly & E'ly	13

	Days.
Clear	17
Variable	2
Cloudy	8
Rainy	4

June, 1836.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER	REMARKS.
	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.89	29.85	29.86	37	64	48	49.7	N. E.	N. E'ly	N. E'ly	Clear	Clear	Clear		8th. Foggy in the morning; wind N. E'ly, very light. Nearly calm during the day. Towards night, the wind, after *being N. E. with small and very transient deviations for* 18 *days*, came round to S. W. Clear in the evening.
2	29.86	29.87	29.91	46	70	52	56.0	N. E'ly	S. E'ly	S. E'ly	Clear	Clear	Clear		
3	29.91	29.91	29.90	49	68	53	56.7	N. E'ly	E'ly	E'ly	Variable	Cloudy	Cloudy		
4	29.85	29.83	29.84	51	58	54	54.3	N. E'ly	N. E'ly	N. E.	Cloudy	Rain	Cloudy	0.20	
5	29.88	29.93	29.97	54	68	54	58.7	N. E.	N. E'ly	N. E.	Misty	Clear	Cloudy		9th. Wind light S'ly, W'ly, and N. W'ly; very warm.
6	29.96	29.98	29.97	54	64	56	58.0	N. E.	N. E.	N. E.	Misty	Rain	Cloudy	0.35	11th. Wind S. W.; cloudy. Sprinkling at intervals in afternoon. Wind very fresh in the evenings.
7	29.96	29.93	29.90	55	65	63	61.0	N. E.	N. E.	N. E'ly	Misty	Rain	Misty	0.10	
8	29.84	29.82	29.82	63	79	69	70.3	N. E'ly	N. E'ly	S. W.	Misty	Variable	Clear		12th. Beautiful day. Wind light at N. W.
9	29.82	29.81	29.87	65	82	73	73.3	S. W.	W'ly	W'ly	Clear	Clear	Clear		13th. Wind N. W'ly in morning. At 20 minutes before 12, a very well defined halo was observed around the sun, with a radius of little more than 22°. The inner edge of the halo was dilute red; the middle and exterior white. Breadth more than a degree. This continued for about two hours, being occasionally obscured by light fleecy clouds from the west. The arc of a second halo, at the distance of about 46°, was occasionally visible in the south, which was fainter and less perfectly defined than the first.
10	29.92	29.94	29.96	60	70	60	63.3	N. E.	N. E.	N. E.	Clear	Clear	Clear		
11	29.88	29.78	29.68	60	76	69	68.3	S. W.	S. W.	S. W.	Foggy	Variable	Cloudy		
12	29.72	29.74	29.80	68	76	65	69.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
13	29.92	29.93	29.96	56	71	57	61.3	N. W.	S. E'ly	W'ly	Clear	Variable	Clear		
14	29.96	29.90	29.80	51	67	52	56.7	N'ly	E'ly	N. E.	Variable	Variable	Clear		
15	29.74	29.72	29.90	50	74	54	59.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
16	29.96	29.90	29.82	49	71	62	60.7	N. W.	S. W.	S. W.	Clear	Clear	Clear		
17	29.74	29.71	29.73	65	83	58	68.7	W'ly	S. W'ly	N. E.	Clear	Clear	Rain	0.90	17th. Thundershower from N. W. in afternoon. Rain began to fall at about 20 minutes before 5, and continued with great violence for 15 minutes. Showery in the evening.
18	29.73	29.69	29.61	57	66	62	61.7	N. E.	S. W'ly	S. W'ly	Cloudy	Cloudy	Cloudy		
19	28.59	29.58	29.58	70	84	68	74.0	W'ly	W'ly	N. E'ly	Variable	Variable	Rain	} 0.30	
20	29.70	29.72	29.73	55	55	52	54.0	N'ly	N. E.	N. E.	Rain	Misty	Cloudy		18th. Wind S. W'ly; cloudy.
21	29.70	29.66	29.72	49	54	49	50.7	N. E.	N. E.	N. E.	Rain	Misty	Cloudy	0.85	19th. Wind W'ly; variable. Sun out at intervals; very hot. Rain at night.
22	29.74	29.76	29.82	48	55	50	51.0	N. E.	N. E.	N. E.	Cloudy	Variable	Cloudy		20th. Wind N. E. Rain in the morning; cool. Cloudy in afternoon.
23	29.83	29.85	29.92	50	56	50	52.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		
24	29.93	29.92	29.93	49	53	50	50.7	N. E.	N. E.	N. E.	Misty	Misty	Misty		21st. Wind N. E., brisk all day. Rain in the morning. Misty, with occasional light showers or sprinkling during the day.
25	29.92	29.92	29.93	52	56	50	52.7	N. E.	N. E.	N. E.	Misty	Rain	Rain	0.45	
26	29.93	29.91	29.88	51	58	52	53.7	N. E.	N. E.	N. E.	Misty	Cloudy	Rain	0.10	22d. Wind N. E. Cloudy for the most part. Quite cool.
27	29.82	29.80	29.77	50	66	54	56.7	N. E.	N. E.	N. E.	Cloudy	Clear	Clear		
28	29.72	29.70	29.71	50	75	64	63.0	N. E.	S. E'ly	S'ly	Clear	Clear	Clear		23d. Wind N. E. Cloudy and misty. Continues cool. For the last three days, fire has been comfortable.
29	29.73	29.76	29.79	64	74	60	66.0	N. E.	E'ly	S'ly	Variable	Clear	Clear		
30	29.80	29.78	29.73	57	76	64	65.7	S. E'ly	S. E'ly	S. E'ly	Variable	Clear	Clear		24th. Wind light N. E. Misty all day.
Means	29.83	29.82	29.83	54.5	67.8	57.5	...	...	...	...	...	...	...	3.25	25th. Wind light N. E'ly. Misty in the morning. Rain in the afternoon and evening.
REDUCED TO SEA LEVEL.															26th. Wind light N. E. Misty during the day. Rain in the evening.
Max.	30.14	30.16	30.15	70	84	73	74.0								30th. Wind S. E'ly; warm. Sun smoke red towards evening.
Min.	29.77	29.76	29.76	37	53	48	49.7								
Mean	30.01	29.99	30.01												
Range	0.37	0.40	0.39	33	31	25	24.3								

	Days.
S'ly & S. W'ly	2
W'ly & N. W'ly	7
N. E'ly & E'ly	21

	Days.
Clear	12
Variable	6
Cloudy	4
Rainy	8

Mean of month	30.003	...	59.9
Extreme range	0.40	...	47.0

July, 1836.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.73	29.71	29.71	64	80	73	72.3	S'ly	W'ly	W'ly	Clear	Clear	Clear		1st. Wind very light W'ly. Atmosphere filled with smoky exhalations, and the sun of a deep smoke red. During a part of the day, while the wind at the surface was W'ly, an upper current came from the N. E., as was evident by light clouds crossing the sun's disk.
2	29.73	29.77	29.78	57	82	71	70.0	W'ly	W'ly	W'ly	Clear	Clear	Variable		
3	29.83	29.83	29.83	67	78	66	70.3	S. W.	S. W.	S. E'ly	Variable	Clear	Clear		
4	29.83	29.78	29.73	67	78	70	71.7	S. W.	S. W.	S. W.	Foggy	Cloudy	Rain	0.10	
5	29.73	29.73	29.71	71	85	72	76.0	S. W.	S'ly	W'ly	Variable	Clear	Clear		2d. Warm and sultry. Sun continues red. Air smoky.
6	29.70	29.70	29.68	70	83	74	75.7	S. W.	W'ly	W'ly	Variable	Clear	Clear		
7	29.71	29.72	29.73	72	86	78	78.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		3d. Weather warm. Wind light S. E'ly in the afternoon. Corruscations of the aurora borealis appeared shooting nearly up to the zenith a little before 10 P. M.
8	29.74	29.72	29.70	74	89	76	79.7	W'ly	W'ly	S. W'ly	Clear	Clear	Clear		
9	29.70	29.68	29.67	70	79	70	73.0	S. W.	S. E'ly	S'ly	Cloudy	Clear	Foggy		
10	29.68	29.67	29.74	68	75	66	69.7	S. W'ly	S. W.	N. E.	Cloudy	Rain	Rain	0.35	4th and 5th. Weather warm. Wind light S. W'ly and W'ly.
11	29.78	29.80	29.81	65	63	62	63.3	N. E.	N. E.	N. E.	Cloudy	Rain	Cloudy	0.20	
12	29.81	29.79	29.78	60	73	63	65.3	N. E.	N. E.	N. E.	Cloudy	Variable	Cloudy		6th. Very warm. Fine breeze from W'ly in the afternoon.
13	29.79	29.75	29.75	61	73	66	66.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		7th. Very hot. Fine breeze from W'ly in the afternoon and evening.
14	29.73	29.72	29.71	63	82	72	72.3	N. E.	S'ly	S'ly	Misty	Variable	Variable		10th. Wind S. W'ly in the morning. Began to rain gently about noon. In the afternoon, wind hauled more to W'ly. From 5 to 6 P. M., wind came round to N. E., with fine rain and mist.
15	29.78	29.80	29.89	68	66	62	65.3	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		
16	29.89	29.90	29.92	60	65	55	60.0	N. E.	N. E.	N. E.	Cloudy	Clear	Clear		
17	29.91	29.92	29.96	52	64	58	58.0	N. E.	N. E.	N. E.	Clear	Clear	Clear		16th. Wind N. E. Cloudy morning; broke away from 11 to 12 A. M. Wind high and blustering in the afternoon. Cold for the season.
18	30.00	29.97	29.97	58	77	64	66.3	N. E'ly	N'ly	S. E'ly	Clear	Clear	Clear		
19	29.95	29.85	29.75	62	80	70	70.7	N. W'ly	N. W.	S. W'ly	Clear	Clear	Clear		
20	29.73	29.68	29.67	70	81	75	75.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		18th. Wind light N. E'ly and N'ly, in the morning; S. E'ly towards night at the surface of the earth, while an upper current carried the clouds from the N. W.
21	29.62	29.58	29.39	70	83	68	73.7	S. W.	S. W.	S. W.	Clear	Clear	Rain	0.25	
22	29.34	29.43	29.57	68	77	64	69.7	S. W.	N. W.	N. E'ly	Variable	Clear	Clear		
23	29.68	29.71	29.75	54	74	62	63.3	N. E.	S. E'ly	S. W'ly	Clear	Clear	Clear		21st. Began to rain gently about 10 P. M., and continued during the night.
24	29.75	29.73	29.72	62	74	68	68.0	S. W.	S. W.	S. W.	Variable	Cloudy	Rain	0.10	24th. Began to rain very moderately at 6 P. M., and continued through the night.
25	29.73	29.77	29.79	68	78	70	72.0	N. E.	S. W.	S. W.	Cloudy	Variable	Cloudy		
26	29.73	29.71	29.76	67	66	64	65.7	S. W.	N'ly	N. E.	Rain	Cloudy	Cloudy	0.38	30th. Rain in the morning; wind light S. W. Cleared about noon. From 6 to 7 P. M., wind came round to N. W. Aurora borealis in the evening—not very bright.
27	29.81	29.82	29.83	58	75	65	66.0	N'ly	N. W.	S. W.	Clear	Clear	Clear		
28	29.84	29.83	29.83	64	74	64	67.3	S. W.	S. W.	S. W.	Variable	Clear	Clear		
29	29.79	29.71	29.64	64	71	65	66.7	S. W.	S. W.	S. W.	Variable	Cloudy	Cloudy		
30	29.54	29.50	29.58	66	75	70	70.3	S. W.	S. W.	N. W.	Rain	Clear	Clear	0.15	
31	29.68	29.75	29.78	65	78	68	70.3	N. E.	N. E.	S. E'ly	Clear	Clear	Clear		
Means	29.75	29.74	29.74	64.6	76.3	67.5	...	...	...	...	...	...	...	1.53	
REDUCED TO SEA LEVEL.															
Max.	30.18	30.15	30.15	74	89	78	79.7								
Min.	29.52	29.61	29.57	52	63	55	58.0								
Mean	29.92	29.91	29.91												
Range	0.66	0.54	0.58	22	26	23	21.7								

	Days.
S'ly & S. W'ly	13
W'ly & N. W'ly	9
N. E'ly & E'ly	9

	Days.
Clear	17
Variable	2
Cloudy	5
Rainy	7

Mean of month	29.913	...	69.5
Extreme range	0.66	...	37.0

August, 1836.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.80	29.74	29.83	67	82	72	73.7	S. W.	S. W.	N. W.	Clear	Clear	Clear		1st. Dash of rain from W'ly at 9 P. M.
2	29.88	29.89	29.92	65	73	64	67.3	N. E.	N. E.	S. E'ly	Clear	Clear	Clear		2d. Aurora borealis observed from 9 to 10 P. M.; not brilliant; diffused light, with faint and occasional corruscations.
3	29.90	29.88	29.79	64	76	66	68.7	S'ly	S'ly	S. W.	Clear	Clear	Clear		3d. Wind fresh S. W. in the evening.
4	29.68	29.74	29.85	70	80	64	71.3	W'ly	W'ly	N. W.	Variable	Clear	Clear		
5	29.99	30.00	30.04	61	74	63	66.0	W'ly	W'ly	W'ly	Variable	Clear	Clear		
6	30.05	30.04	29.99	60	68	57	61.7	S. W.	S. W.	S. W.	Cloudy	Cloudy	Rain	0.10	
7	29.98	29.89	29.89	55	72	65	64.0	N. W.	S'ly	S'ly	Clear	Clear	Clear		
8	29.85	29.79	29.70	65	81	72	72.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		8th. Very warm, with the wind W'ly.
9	29.78	29.83	29.89	55	65	53	57.7	N. E.	N. E.	N. E.	Rain	Clear	Clear	0.05	9th. From 2 to 4 A. M., the wind came round to the N E., with a pretty heavy blow, and rapid fall of temperature from 72° to 55°.
10	29.90	29.88	29.90	50	71	58	59.7	N. E.	S. E'ly	S'ly	Clear	Variable	Variab e		
11	29.87	...	29.75	55	...	60	...	S. W.	...	S. W.	Variable	...	Cloudy		
12	29.76	29.73	29.83	62	63	61	62.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		
13	29.80	29.74	29.69	55	72	65	64.0	N. W.	N. W.	S. W'ly	Cloudy	Cloudy	Variable		
14	29.60	29.61	29.62	65	76	67	69.3	S. W.	S. W.	N. W.	Rain	Variable	Clear	0.15	
15	29.73	29.74	29.78	60	72	64	65.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
16	29.79	29.80	29.82	58	75	63	65.3	N. W.	N. W.	N. E.	Clear	Clear	Clear		
17	29.85	29.89	29.89	57	75	60	64.0	N'ly	N. E.	N. E.	Clear	Clear	Clear		
18	29.90	29.79	29.76	53	74	63	63.3	N. E.	S'ly	S'ly	Clear	Clear	Cloudy		18th. Wind light N. E. in the morning; in the afternoon, fresh S'ly. Cloudy towards night.
19	29.65	29.56	29.59	64	68	68	66.7	S. W.	S. W.	S. W.	Cloudy	Rain	Cloudy	0.07	
20	29.62	29.68	29.79	65	71	57	64.3	N. W.	W'ly	W'ly	Variable	Clear	Clear		
21	29.87	29.79	29.79	52	71	59	60.7	N. W.	S. W'ly	S. W'ly	Clear	Clear	Clear		21st. Diffused aurora from 8 to 12 P. M.
22	29.75	29.75	29.83	60	74	56	63.3	S. W.	W'ly	N. W.	Cloudy	Clear	Clear		
23	29.90	29.90	29.90	50	66	53	56.3	N. W.	N. W.	N. W.	Clear	Variable	Clear		
24	29.96	29.98	30.00	50	74	56	60.0	N. W.	W'ly	W'ly	Clear	Clear	Clear		
25	30.00	29.99	29.95	55	75	63	64.3	S. W.	S. W'ly	S. W'ly	Clear	Clear	Variable		
26	29.86	29.80	29.75	60	78	67	68.3	S. W.	S. W.	S. W.	Clear	Variable	Variable		
27	29.73	29.73	29.74	66	79	68	71.0	W'ly	S. W.	S. W.	Clear	Clear	Clear		
28	29.78	29.79	29.81	67	76	67	70.0	S. W.	S. W.	S. W.	Foggy	Clear	Clear		
29	29.82	29.78	...	67	75	68	70.0	S. W.	S. W.	S. W.	Cloudy	Cloudy	Rain	0.35	
30	...	...	29.59	69	76	55	66.7	S. W.	S. W.	N. W.	Cloudy	Variable	Clear		
31	29.70	29.75	29.75	51	71	59	60.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		
Means	29.82	29.81	29.81	59.8	73.4	62.7	...	...	...	...	...	...	...	0.72	
REDUCED TO SEA LEVEL.															
Max.	30.23	30.22	30.22	70	82	72	73.7								
Min.	29.78	29.74	29.77	50	63	53	56.3								
Mean	29.99	29.98	29.98												
Range	0.45	0.48	0.45	20	19	19	17.4								
Mean of month		29.983		...	...	...	65.2								
Extreme range		0.49		...	...	...	32.0								

	Days.
S'ly & S. W'ly	15
W'ly & N. W'ly	11
N. E'ly & E'ly	5

	Days.
Clear	20
Variable	4
Cloudy	2
Rainy	5

September, 1836.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.70	29.62	29.67	62	74	58	64.7	S. W.	S. W.	S. W'ly	Cloudy	Variable	Rain	0.10	
2	29.83	29.84	29.93	50	66	53	56.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
3	29.95	29.92	29.90	52	68	60	60.0	N. W.	W'ly	S. W.	Variable	Clear	Clear		
4	29.83	29.78	29.72	62	78	67	69.0	S. W.	S. W.	S. W.	Clear	Variable	Clear		
5	29.64	29.70	29.79	68	66	56	63.3	S. W.	N. E.	N. E.	Variable	Rain	Cloudy		5th. At sunrise, wind S W.; warm and damp. From 9 to 10 A. M., wind came to N. E. Rain from noon to 2 P. M.
6	29.95	30.01	30.10	42	57	43	47.3	N. E.	N. E.	N. E.	Clear	Clear	Clear		
7	30.12	30.11	30.09	38	66	50	51.3	N. E.	N. E.	N. E.	Clear	Clear	Clear		
8	30.02	29.97	29.91	50	62	54	55.3	N. E.	N. E.	E'ly	Cloudy	Cloudy	Cloudy		6th. Considerable frost at sunrise.
9	29.84	29.81	29.86	56	79	70	68.3	W'ly	W'ly	N. E.	Cloudy	Clear	Cl'y, r'n	0.35	7th. Severe frost in the vicinity.
10	30.02	30.06	30.10	54	54	50	52.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Mist, r'n	0.13	9th. Wind W'ly during the day. Cloudy towards night. Wind came to N. E. from 7 to 9 P. M. At 11 P. M., began to rain.
11	30.02	30.00	29.95	52	71	66	63.0	N. E.	S. W'ly	S. W.	Mist	Cloudy	Cloudy		
12	29.95	29.94	29.99	64	74	66	68.0	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		
13	30.01	30.05	30.06	64	75	64	67.7	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		
14	30.02	29.97	29.88	61	79	70	70.0	S. W.	W'ly	N. W.	Cloudy	Clear	Clear		
15	30.04	30.02	30.04	68	75	66	69.7	N. W.	N. E.	N. E.	Cloudy	Clear	Clear		
16	30.05	30.04	30.03	60	69	58	62.3	N. E.	N. E.	N. E.	Clear	Clear	Variable		
17	30.00	29.94	29.79	60	64	63	62.3	S. W.	S. W.	W'ly	Cloudy	Cloudy	Clear		
18	29.78	29.79	29.81	62	74	65	67.0	W'ly	W'ly	S. W.	Clear	Clear	Foggy		17th. Wind S. W.; air damp. Sprinkling of rain from 1 to 2 P. M. Wind came to W'ly, and cleared in the evening.
19	29.81	29.77	29.76	64	81	76	73.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		
20	29.72	29.75	29.79	72	84	72	76.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		
21	29.97	29.94	29.99	58	71	60	63.0	N. E.	N. E.	N. E'ly	Variable	Variable	Cloudy		
22	29.95	29.89	29.84	54	72	64	63.3	E'ly	S'ly	S. W.	Variable	Clear	Cloudy		
23	29.75	29.76	29.79	64	68	60	64.0	S. W'ly	N. E.	N. E.	Cloudy	Rain	Cloudy	0.10	
24	29.82	29.77	29.63	60	72	64	65.3	N. E.	N. E'ly	S. W.	Cloudy	Cloudy	Cloudy		
25	29.57	29.67	29.76	60	63	48	57.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
26	29.75	29.74	29.71	46	61	52	53.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
27	29.52	29.23	29.31	53	61	51	55.0	S. W.	S. W.	N. W.	Cloudy	Variable	Variable		
28	29.37	29.52	29.62	46	48	42	45.3	N. W.	N. E.	N. E.	Cloudy	Variable	Clear		29th. Wind N. E. Began to rain about 6 A. M., and continued moderately till 9 to 10 P. M., and cleared.
29	29.68	29.65	29.70	42	41	41	41.3	N. E.	N. E.	N. W.	Rain	Rain	Clear	0.35	30th. First white frost in the College yard, and very abundant.
30	29.86	29.90	29.97	34	55	43	44.0	N. W.	N. W.	S. W.	Clear	Clear	Clear		
Means	29.85	29.84	29.85	55.9	67.6	59.0	...	...	...	...	...	...	...	1.03	
REDUCED TO SEA LEVEL.															
Max.	30.30	30.29	30.28	72	84	76	76.0								
Min.	29.55	29.41	29.49	34	41	41	41.3								
Mean	30.03	30.01	30.03												
Range	0.75	0.88	0.79	38	43	35	34.7								
Mean of month		30.023		...	...	...	60.6								
Extreme range		0.89		...	...	...	50.0								

	Days.
S'ly & S. W'ly	8
W'ly & N. W'ly	10
N. E'ly & E'ly	12

	Days.
Clear	14
Variable	5
Cloudy	6
Rainy	5

October, 1836.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.97	30.00	...	44	59	52	51.7	S'ly	S'ly	S'ly	Cloudy	Cloudy	Cloudy		
2	...	...	...	52	74	64	63.3	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		2d. High wind from S. W.
3	...	29.63	29.67	50	58	46	51.3	N. E'ly	N. E.	N. E.	Clear	Clear	Clear		
4	29.64	29.53	29.62	44	48	42	44.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		4th. Wind very fresh at N. E.; raw and chilly.
5	29.42	29.24	29.22	44	53	46	47.7	N. E.	S. W.	S. W.	Rain	Rain	Clear	1.00	5th. At sunrise, wind very fresh at N. E., with heavy rain. From noon to 1 P. M., wind came to S. W. Variable in the afternoon with occasional showers. Clear in the evening.
6	29.32	29.42	29.62	44	52	44	46.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		
7	29.74	29.72	29.82	40	57	46	47.6	S. W'ly	W'ly	W'ly	Clear	Clear	Cloudy		Light frosts on the mornings of 7th, 8th, and 9th.
8	29.92	29.93	30.01	40	50	42	46.0	W'ly	W'ly	N. W.	Clear	Clear	Clear		
9	30.01	30.02	30.02	38	55	45	46.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
10	30.04	30.03	30.10	34	50	35	39.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
11	30.17	30.14	30.03	32	47	40	39.6	N. E.	N. E.	N. E.	Variable	Cloudy	Cloudy		12th. Rain began about 1 A. M., with high wind at N. E'ly. Wind and rain continued until from 5 to 6 P. M. Wind came round to W'ly, very high and blustering. Cleared during the night.
12	29.54	29.22	29.39	44	55	40	46.3	N. E.	N. E.	W'ly	Rain	Rain	Cloudy	1.10	
13	29.73	29.74	29.79	37	57	46	46.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
14	29.76	29.70	29.65	47	64	55	55.3	S. W.	S. W.	S. W.	Clear	Clear	Var., sh.	0.10	14th. Shower from 11 to 12 P. M.
15	29.55	29.66	29.72	53	66	44	54.3	S. W.	S. W.	W'ly	Clear	Clear	Clear		
16	29.74	29.60	29.63	39	60	47	48.7	N. E.	S. E'ly	S. W.	Variable	Cloudy	Clear		16th. Wind N. E. at sunrise; S'ly at noon and afternoon. Light showers from 2 to 4 P. M.
17	29.74	29.78	29.75	36	55	44	45.0	S. W.	S. W.	W'ly	Clear	Clear	Clear		
18	29.97	29.97	30.07	34	49	34	39.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
19	30.03	29.82	29.63	33	57	60	50.0	S. E'ly	S'ly	S. W.	Cloudy	Cloudy	Cloudy		19th. Wind high S. W. in the evening.
20	29.39	29.18	29.50	63	65	39	55.7	S. W.	S. W.	N. W.	Cloudy	Rain	Clear	0.15	20th. Wind S. W. in the morning, very high and blustering, with occasional dashes of rain. Wind changed suddenly to N. W.; from 1 to 2 P. M., and lulled. Clear and beautiful in the evening.
21	29.54	29.54	29.82	38	46	31	38.3	N. W.	N. W.	N. W.	Variable	Variable	Clear		
22	29.85	29.92	30.02	28	46	36	36.7	N. W.	N. W.	W'ly	Clear	Clear	Clear		22d. Ice this morning ⅛ of an inch thick.
23	30.00	29.95	29.91	36	62	52	50.0	S. W.	S. W.	S. W.	Clear	Clear	Cloudy		
24	29.81	29.71	29.76	47	66	57	56.7	S. W.	S. W.	W'ly	Variable	Clear	Clear		26th. Weather blustering, and very cold for the season.
25	29.90	29.93	29.93	28	38	28	31.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
26	29.73	29.68	29.64	24	38	29	30.3	N'ly	N'ly	N. W.	Clear	Clear	Clear		
27	29.58	29.49	29.54	22	42	28	30.7	W'ly	W'ly	W'ly	Variable	Clear	Clear		
28	29.65	29.63	29.56	24	44	42	36.7	W'ly	W'ly	S. W.	Clear	Clear	Cloudy		
29	29.55	29.54	29.79	42	50	32	41.3	S. W.	S. W.	N. W.	Clear	Variable	Clear		
30	30.01	30.00	29.99	30	40	28	32.7	N. W.	N. W.	N. W.	Variable	Clear	Clear		
31	30.13	30.09	30.10	24	41	29	31.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
Means	29.77	29.73	29.77	38.4	53.2	42.0	...	...	...	...	...	...	...	2.35	
REDUCED TO SEA LEVEL.															
Max.	30.35	30.32	30.28	63	74	64	63.3								
Min.	29.50	29.36	29.40	22	38	28	30.3								
Mean	29.95	29.90	29.95												
Range	0.85	0.96	0.88	41	36	36	33.0								
Mean of month		29.933		...	...	...	44.6								
Extreme range		0.99		...	...	...	52.0								

	Days.
S'ly & S. W'ly	11
W'ly & N. W'ly	15
N. E'ly & E'ly	5

	Days.
Clear	18
Variable	5
Cloudy	5
Rainy	3

November, 1836.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.07	29.99	29.95	23	45	33	33.7	N. W'ly	S'ly	S'ly	Clear	Clear	Clear		
2	29.83	29.72	29.52	29	46	41	38.7	S. E'ly	N. E.	N. E.	Clear	Cloudy	Rain	1.65	2d. Wind N. E. Began to rain at about 4 P. M. Wind very fresh in the evening.
3	29.41	29.43	29.63	32	36	34	34.0	N. E.	N. E'ly	N. W.	R'n & sn.	Cloudy	Clear		3d. At sunrise, rain and snow. Snow continued till noon; wind more N'ly. Light rain and mist in the afternoon. Clear in evening; wind N. W. Quantity of rain and snow equal to 1.65 inch of water.
4	29.69	29.72	29.75	34	42	33	36.3	N. W.	N. W.	N. W.	Cloudy	Cloudy	Cloudy		
5	29.74	29.75	29.75	33	41	35	36.3	N. W.	N. W.	N. W.	Cloudy	Variable	Cloudy		
6	29.74	29.73	29.73	29	42	32	34.3	N. W.	N. W.	N. W.	Variable	Variable	Clear		
7	29.80	29.82	29.85	28	50	36	38.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
8	29.90	29.92	29.98	36	46	35	39.0	W'ly	S. W'ly	S. W.	Cloudy	Clear	Clear		8th. At sunrise, cloudy; wind S. W'ly. Began to rain moderately from 8 to 9 A. M.; rained but little. Clear in the afternoon.
9	30.07	30.23	30.32	30	45	34	36.3	N'ly	N. E.	N. E.	Clear	Clear	Clear		
10	30.32	30.23	30.29	35	48	35	39.3	S. E'ly	E'ly	E'ly	Cloudy	Clear	Clear		12th. At sunrise, wind S. E'ly. Began to rain from 7 to 8 A. M., and rained till noon. Cloudy in the afternoon. Clear in the evening.
11	30.07	29.97	29.91	42	53	51	48.7	S'ly	S. W.	S. W.	Rain	Cloudy	Cloudy		
12	29.72	29.57	29.59	56	57	51	54.7	S. E'ly	S'ly	S. W.	Cloudy	Rain	Clear	1.05	
13	29.70	29.75	29.84	40	51	38	43.0	W'ly	N. W.	N. W.	Clear	Clear	Clear		
14	29.90	29.85	29.61	36	46	40	40.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Rain	1.40	14th. Rain began about 2 P. M.; wind N. E.
15	29.53	29.48	29.54	34	35	36	35.0	N. E.	N. E.	N. W.	Mist	Rain	...	0.15	15th. Light rain from 7 to 10 A. M.
16	29.59	29.67	29.68	35	46	40	40.3	W'ly	S. W.	S. W'ly	Variable	Clear	Rain	0.05	16th. Light shower in the evening; wind W'ly.
17	29.72	29.77	29.90	35	46	37	39.3	W'ly	W'ly	N. W.	Variable	Cloudy	Variable		17th. Light rain and snow from 10 to 11 A. M.; wind N. W.
18	30.03	30.05	30.18	28	39	32	33.0	N. W'ly	N. W.	N. W.	Clear	Clear	Clear		
19	30.30	30.29	30.28	22	38	29	29.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
20	30.24	30.17	30.10	30	46	36	37.3	S. W'ly	S. W.	S. W.	Variable	Cloudy	Variable		
21	29.80	29.50	29.56	36	53	47	45.3	S. E.	S. E.	S. W.	Rain	Rain	Clear	0.95	21st. Rain commenced at about 6 A. M.; wind S. E'ly. Continued to rain copiously, with heavy wind, till 1 to 2 P. M. Cleared in the evening from 9 to 10.
22	29.63	29.61	29.53	39	50	38	42.3	S. W.	W'ly	N. W.	Clear	Variable	Clear		
23	29.40	29.33	29.25	32	46	34	37.3	W'ly	W'ly	W'ly	Clear	Clear	Cloudy		
24	29.31	29.23	29.36	30	36	27	31.0	N. W.	W'ly	N. W.	Clear	Cloudy	Clear		
25	29.35	29.35	29.47	21	28	16	21.7	N. W.	N. W.	N. W.	Clear	Variable	Clear		25th. Wind N. W'ly. Cold and blustering, with a flurry of snow in the afternoon.
26	29.46	29.50	29.57	14	27	19	20.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
27	29.72	29.74	29.84	14	27	20	20.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
28	29.82	29.77	29.78	16	31	22	23.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
29	29.66	29.52	29.50	20	27	28	25.0	N'ly	N'ly	N'ly	Variable	Cloudy	Cloudy		29th. Flurry of snow from 1 to 2 P. M. Wind raw at N'ly.
30	29.49	29.44	29.34	22	35	33	30.0	N. W.	S. W'ly	S. W.	Clear	Variable	Cloudy		
Means	29.77	29.74	29.75	30.4	41.9	34.1	...	...	...	...	...	...	...	5.25	
REDUCED TO SEA LEVEL.															
Max.	30.50	30.47	30.50	56	57	51	54.7								
Min.	29.49	29.41	29.43	14	27	16	20.0								
Mean	29.95	29.92	29.93												
Range	1.01	1.06	1.07	42	30	35	34.7								
Mean of month		29.933		...	...	...	35.4								
Extreme range		1.09		...	...	...	43.0								

	Days.
S'ly & S. W'ly	7
W'ly & N. W'ly	16
N. E'ly & E'ly	7

	Days.
Clear	12
Variable	7
Cloudy	5
Rainy	6

December, 1836.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.36	29.41	29.66	32	35	21	29.3	N. W'ly	N. W'ly	N. W.	Cloudy	Cloudy	Clear		
2	29.79	29.78	29.77	9	26	19	18.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
3	29.80	29.76	29.78	21	33	31	28.3	N. W.	N. W.	W'ly	Clear	Variable	Variable		
4	29.90	29.89	29.88	30	41	33	34.7	W'ly	W'ly	W'ly	Variable	Clear	Clear		
5	29.75	29.61	29.67	40	48	36	41.3	S. W'ly	S. W.	S. W.	Cloudy	Variable	Clear		
6	29.76	29.80	29.95	31	37	23	30.3	S. W'ly	N. W.	N. W.	Clear	Variable	Clear		
7	30.03	29.98	29.95	13	26	19	19.3	N'ly	N. W.	N. W.	Variable	Variable	Clear		
8	29.92	...	29.98	16	...	30	...	N. W.	N. W.	N. W.	Clear	Clear	Clear		
9	30.01	29.96	29.94	26	49	35	36.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		
10	29.84	29.68	29.65	36	48	42	42.0	S. W.	S. W.	S'ly	Variable	Cloudy	Rain	0.05	10th. Very light rain at intervals in afternoon. Wind light S'ly.
11	29.78	29.79	29.75	37	46	33	38.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		17th. Snow before 6 A. M.; then rain; wind E'ly. Wind hauled to S. E'ly, with rain and blow, during morning. In afternoon, wind came to S. W'ly, and storm abated.
12	29.73	29.79	29.91	33	45	36	38.0	W'ly	S. W'ly	N. W.	Variable	Clear	Clear		
13	29.91	29.79	29.40	31	42	44	39.0	W'ly	S'ly	S. E'ly	Variable	Variable	Rain	1.05	
14	29.03	29.02	29.34	44	43	32	39.7	W'ly	W'ly	W'ly	Cloudy	Variable	Variable		20th. Began to rain very moderately at 10 P. M. Wind heavy at S. W'ly during the night, with but little rain.
15	29.60	29.69	29.90	24	27	19	23.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
16	30.03	30.02	30.03	13	29	25	22.3	N. W.	N. W.	N. E.	Clear	Clear	Cloudy		
17	29.65	29.19	29.35	34	50	36	40.0	E'ly	S'ly	W'ly	Rain	Rain	Variable	1.20	21st. Commenced raining with violence from 6 to 7 A. M. Continued to rain at intervals, with heavy wind from S'ly, till 2 P. M., when wind hauled to S. W. From 3 to 4 P. M., wind came to N.W. At 6 P. M., clear, with wind brisk at N.W.
18	29.71	29.83	30.07	28	33	26	29.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
19	30.36	30.43	30.46	20	33	24	25.7	N. W.	N. W.	S. W.	Clear	Clear	Clear		
20	30.42	30.33	30.14	22	39	40	33.7	W'ly	S. W.	S'ly	Clear	Variable	Rain	} 1.33	23d. Cloudy afternoon; wind N. E. From 5 to 6 P. M., wind came to S'ly, with flurry of snow, which passed into rain, and continued for a short time.
21	29.64	29.43	29.83	47	50	22	39.7	S'ly	S'ly	N. W.	Rain	Rain	Clear		
22	30.25	30.27	30.39	10	18	11	13.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
23	30.37	30.26	30.08	9	22	34	21.7	N. W.	N. E.	S. W'ly	Clear	Clear	Sn. & r'n	0.04	
24	30.12	30.20	30.27	26	38	28	30.7	W'ly	W'ly	S. W'ly	Clear	Clear	Clear		
25	30.28	30.19	30.10	32	38	39	36.3	N. E.	N. E.	N. E'ly	Cloudy	Misty	Misty		
26	29.89	29.77	29.83	49	51	32	44.0	S. E'ly	S. E'ly	N. W'ly	Rain	Rain	R'n & sn.	1.18	
27	29.95	30.02	30.16	14	18	7	13.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
28	30.17	30.13	30.01	2	14	9	8.3	N. W.	N. W.	N. W.	Clear	Variable	Clear		
29	29.78	29.66	29.69	12	28	26	22.0	N. W.	W'ly	N'ly	Variable	Variable	Cloudy		
30	29.98	30.02	30.18	5	7	0	4.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
31	30.19	30.10	29.98	0	11	13	8.0	N. W.	N. W.	W'ly	Clear	Clear	Cloudy		
Means	29.90	29.86	29.90	24.0	34.2	26.6	...	...	...	...	...	...	...	4.85	
REDUCED TO SEA LEVEL.															
Max.	30.60	30.61	30.64	49	57	44	44.0								
Min.	29.21	29.20	29.52	0	7	0	4.0								
Mean	30.08	30.04	30.08												
Range	1.39	1.41	1.12	49	44	44	40.0								
Mean of month			30.067	...	...	...	28.3								
Extreme range			1.44	...	...	...	57.0								

	Days.
S'ly & S. W'ly	6
W'ly & N. W'ly	20
N. E'ly & E'ly	5

	Days.
Clear	17
Variable	5
Cloudy	5
Rainy	4

January, 1837.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.63	29.46	29.27	29	37	34	33.3	S. W.	S. W.	S. W.	Snow	Rain	Cloudy	0.40	
2	29.13	29.01	28.89	17	25	9	17.0	N'ly	N. W.	N. W'ly	Cloudy	Cloudy	Cloudy		
3	28.93	29.03	29.28	2	8	4	4.7	N. W.	W'ly	W'ly	Clear	Clear	Clear		
4	29.30	29.25	29.36	0	17	12	9.3	W'ly	S. W'ly	S. W'ly	Clear	Clear	Clear		
5	29.23	29.19	29.26	12	17	9	12.7	S. W'ly	N. W.	N. W'ly	Clear	Variable	Clear		
6	29.22	29.07	29.10	9	25	25	19.7	N. W.	N. W.	N'ly	Cloudy	Cloudy	Clear		6th. Very blustering, with a flurry of snow in the morning.
7	29.25	29.22	29.27	22	28	24	24.7	N. W.	N. W.	N. W.	Variable	Variable	Variable		7th. Very blustering and raw.
8	29.28	29.34	29.40	21	28	24	24.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		8th. Pleasant. Wind rather brisk N. W.
9	29.47	29.42	29.56	19	31	19	23.0	N. W'ly	N. W'ly	N. W.	Clear	Clear	Clear		17th. Day pleasant. Evening remarkably pleasant.
10	29.53	29.50	29.49	21	28	28	25.7	N'ly	N. W'ly	S. W'ly	Variable	Cloudy	Cloudy		
11	29.59	29.55	29.67	21	31	26	26.0	N. W'ly	N. W.	N. W.	Clear	Clear	Clear		
12	29.68	29.72	29.77	22	34	23	26.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
13	29.87	29.85	29.86	17	24	11	17.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
14	29.78	29.76	29.78	5	12	7	8.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
15	29.57	29.52	29.56	4	14	15	11.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		
16	29.58	29.54	29.55	15	25	21	20.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		
17	29.53	29.52	29.58	18	28	16	20.7	W'ly	W'ly	N. W.	Clear	Clear	Clear		
18	29.59	29.59	29.61	10	27	18	18.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		18th, 19th, and 20th. Very pleasant.
19	29.62	29.62	29.64	17	32	21	23.3	W'ly	W'ly	N. W.	Clear	Clear	Clear		21st. Began to snow from 9 to 10 A M.—wind N. E.—and continued during the day, intermixed with hail and some rain. Wind fresh, and sometimes violent, during the night.
20	29.68	29.66	29.66	19	34	25	26.0	N. W'ly	N. W.	N. W.	Clear	Clear	Variable		
21	29.36	29.21	28.57	26	31	32	29.7	N. E.	N. E.	N. E.	Cloudy	Snow	Sn. & r'n	1.00	22d. Wind N. E'ly. The air full of fine needles of ice and snow. At 8 A. M., barometer 28.50; began to rise from 9 to 10 A. M. Wind hauled more to N'ly. Cleared during the night.
22	28.46	28.56	28.91	23	24	21	22.7	N. E.	N. E'ly	N. W.	Cloudy	Snow	Clear		
23	29.38	29.46	29.59	16	22	15	17.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		23d. Pleasant.
24	29.63	29.60	29.68	14	28	24	22.0	W'ly	W'ly	W'ly	Clear	Clear	Cloudy		24th. Pleasant. Wind light to W'ly. Cloudy in evening. Flurry of snow in the night.
25	29.77	29.77	29.89	14	20	10	14.7	W'ly	N. W.	N. W.	Variable	Clear	Clear		25th. Extraordinary aurora borealis with red light.
26	29.93	29.88	29.87	2	17	7	8.7	N. W.	N. W.	N. W.	Clear	Variable	Clear		
27	29.93	29.89	29.85	4	30	28	20.7	N. W.	S. W.	S. W.	Clear	Clear	Cloudy		28th. A light fall of snow from S. E. in the morning. Cleared in the afternoon; wind N. W.
28	29.57	29.44	29.67	29	37	27	31.0	S. E.	W'ly	N. W.	Snow	Variable	Clear		
29	29.87	29.84	29.83	22	33	28	27.7	W'ly	S. W.	S. W.	Clear	Clear	Clear		
30	29.73	29.64	29.65	33	44	36	37.7	S. W.	S. W.	S. W.	Variable	Variable	Cloudy		
31	29.55	29.51	29.65	34	36	36	35.3	N. E.	N. E.	N. E.	Rain	Rain	Cloudy		
Means	29.50	29.47	29.51	16.7	26.7	20.5	...	...	...	...	...	...	...	1.40	
REDUCED TO SEA LEVEL.															
Max.	30.11	30.07	30.09	34	44	36	37.7								
Min.	28.64	28.74	28.75	0	8	4	4.7								
Mean	29.68	29.65	29.69												
Range	1.47	1.23	1.34	34	36	32	33.0								
Mean of month			29.673	...	...	...	21.3								
Extreme range			1.47	...	...	...	44.0								

	Days.
S'ly & S. W'ly	5
W'ly & N. W'ly	23
N. E'ly & E'ly	3

	Days.
Clear	21
Variable	2
Cloudy	3
Rainy	5

February, 1837.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M		
1	29.60	29.47	29.44	33	37	36	35.3	S. W.	S. W.	W'ly	Misty	Misty	Clear		1st. Misty during the day. Cleared from 9 to 10 A. M.
2	29.53	29.48	29.55	26	29	20	25.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		
3	29.61	29.64	29.74	10	19	16	15.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		
4	29.84	29.82	29.92	18	31	23	24.0	W'ly	W'ly	W'ly	Variable	Clear	Cloudy		
5	30.10	30.11	30.09	16	21	21	19.3	N. E.	N. E.	N. E.	Snow	Snow	Cloudy		5th. Wind raw at N. E. The air filled with fine snow during the day; not enough to cover the ground.
6	30.03	30.02	30.01	21	33	23	25.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Clear		
7	29.83	29.65	29.38	23	35	36	31.3	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		7th. Wind light from S. W. Air damp and raw.
8	29.45	29.52	29.61	26	27	24	25.7	N'ly	N. E.	N. E.	Cloudy	Cloudy	S. flurry		
9	29.77	29.76	29.71	18	22	13	17.7	N. E.	N. E.	N. E.	Variable	Cloudy	Clear		
10	29.62	29.54	29.61	12	35	27	24.7	N'ly	N. W.	N. W.	Clear	Clear	Clear		
11	29.71	29.77	29.85	21	35	25	27.0	N. W.	W'ly	N. W.	Clear	Clear	Clear		
12	29.76	29.55	29.42	23	37	29	29.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		
13	29.46	29.66	30.08	18	8	—1	8.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		13th. Wind high and blustering at N. W. Cold very severe.
14	30.20	30.08	29.94	—2	19	26	14.7	N. W.	N. W.	S. W'ly	Clear	Clear	Cloudy		15th. Light rain for an hour or two in the morning. Wind S. W'ly.
15	29.67	29.57	29.50	30	38	36	34.7	S. W.	S. W.	S. W.	Rain	Cloudy	Cloudy	0.10	16th. Morning exceedingly mild; wind S. W. Wind came round E'ly and N. E., from noon to 2 P. M., and grew raw. Began to snow from 5 to 6 P. M.
16	29.61	29.65	29.63	36	40	30	35.3	S. W.	N. E.	N. E.	Variable	Cloudy	Snow		
17	29.16	29.16	29.59	26	11	—3	11.3	N. E.	N. E.	W'ly	Snow	Snow	Variable	0.30	17th. At sunrise, light snow from N. E., with heavy wind; thermometer at 26°; growing colder. Light snow continued the greater part of the day, and the cold increased till sunset; thermometer at 4°. Wind came round to W'ly. Barometer rose rapidly.
18	29.99	30.03	30.04	—4	12	7	5.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
19	29.98	29.97	29.97	11	33	23	22.3	N. W.	N. W'ly	W'ly	Clear	Clear	Clear		
20	29.90	29.80	29.64	21	41	29	30.3	S. W.	S'ly	S. W.	Clear	Variable	Clear		
21	29.50	29.44	29.75	30	33	30	31.0	N. E'ly	N. E.	N'ly	Snow	Snow	Cloudy	0.25	
22	29.97	29.94	30.00	23	36	30	29.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
23	29.80	29.47	28.86	30	31	32	31.0	S. W.	S. E.	E'ly	Cloudy	Snow	Rain	0.75	18th. Mars was in occultation by the south limb of the moon, commencing at about three minutes after 5 P. M., and continuing from fifteen to twenty minutes—the exact time was not observed.
24	29.04	29.26	29.46	29	37	26	30.7	N. W.	W'ly	N. W.	Variable	Clear	Clear		
25	29.59	29.60	29.66	23	36	32	30.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		
26	29.84	29.91	29.96	24	33	23	26.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
27	29.65	29.48	28.98	30	39	35	34.7	S'ly	S. W.	S. W.	Variable	Cloudy	Rain	1.25	27th. Began to rain moderately from 1 to 2 P. M.; wind light S. W. Rain continued during the afternoon and greater part of the night; then wind came round to N'ly, with snow and heavy blow.
28	28.91	29.25	29.68	26	18	10	18.0	N. W.	N. W.	N. W.	Cloudy	Clear	Clear		
Means	29.66	29.60	29.68	21.3	29.7	23.5	...	...	...	...	...	...	...	2.65	
REDUCED TO SEA LEVEL.															
Max.	30.38	30.29	30.27	36	41	36	35.3								
Min.	29.09	29.43	29.16	—4	8	—3	5.0								
Mean	29.86	29.78	29.86												
Range	1.29	0.86	1.11	40	33	39	30.3								
Mean of month			29.833	...	...	...	24.7								
Extreme range			1.29	...	...	...	45.0								

	Days.
S'ly & S. W'ly	5
W'ly & N. W'ly	15
N. E'ly & E'ly	8

	Days.
Clear	15
Variable	3
Cloudy	3
Rainy	7

March, 1837.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.88	29.90	30.08	9	20	8	12.3	N. W.	W'ly	N. W.	Clear	Clear	Clear		
2	30.19	30.16	30.13	4	18	14	12.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
3	30.03	29.99	30.08	11	20	8	13.0	N'ly	N. W.	N. W.	Variable	Clear	Clear		
4	30.19	30.19	30.19	5	21	14	13.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
5	30.14	30.06	30.11	17	36	21	24.7	S. W.	S. W.	N. W.	Cloudy	Snow	Clear	0.10	5th. Light snow at intervals during the morning. Cleared from 4 to 5 P. M.
6	30.13	30.18	30.13	15	35	24	24.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		6th. Pleasant.
7	30.11	30.10	30.09	22	44	32	36.0	S. W.	S. W.	S. W.	Clear	Variable	Clear		7th. Mild and pleasant.
8	30.11	30.07	30.02	32	36	34	34.0	S. E.	S. E.	S. E.	Variable	Cloudy	Cloudy		8th. Cloudy for the most part during the day.
9	29.95	29.95	29.96	35	38	34	35.7	E'ly	N. E.	N. E.	Cloudy	Rain	Rain	1.50	Wind light from S. E., with sprinkling of rain in the afternoon and evening.
10	30.01	30.02	30.05	34	35	32	33.0	N. E.	N. E.	N. W.	Rain	Rain	Clear		9th. Rain, with wind light at E'ly, nearly all day.
11	30.18	30.19	30.17	28	35	28	30.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		10th. Rain, with wind light N. E'ly, all day.
12	30.20	30.15	30.04	24	40	32	32.0	N. W.	S. W.	S. W.	Clear	Clear	Cloudy		11th. Very pleasant.
13	29.85	29.73	29.49	32	43	47	40.7	S. E'ly	S'ly	S. W.	Cloudy	Rain	Rain	0.88	12th. Pleasant. Raw towards night. Wind S. W.
14	29.43	29.63	29.93	43	39	28	36.7	W'ly	N. W.	N. W.	Variable	Clear	Clear		18th. Cloudy during the day. Wind S. W., with sprinkling of rain in the afternoon. During the night, wind came to N. W., blustering and cool.
15	30.06	30.03	30.03	22	32	26	26.7	N. E'ly	N. E.	N. W.	Variable	Clear	Clear		
16	30.16	30.15	30.15	18	31	26	25.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		19th. Very blustering.
17	30.17	30.09	29.99	22	44	32	32.7	W'ly	S. W.	S. W.	Clear	Clear	Clear		
18	29.70	29.53	29.31	33	49	41	41.0	S. W.	S. W.	S. W.	Variable	Cloudy	Cloudy		
19	29.38	29.44	29.70	30	34	22	28.7	N. W.	N. W.	N. W.	Variable	Clear	Clear		
20	29.86	29.91	29.96	19	33	29	27.0	N. W.	N. W.	N. W.	Variable	Cloudy	Cloudy		
21	30.00	30.01	30.03	27	38	32	32.3	N. E.	N. E.	N. E.	Variable	Cloudy	Cloudy		
22	29.89	29.80	29.75	31	35	33	33.0	N. E.	N. E.	N. E.	Mist	Rain	Rain	0.64	
23	29.67	29.76	29.89	33	34	33	33.3	N. E.	N. E.	N. E.	Rain	Mist	Cloudy		
24	29.95	29.94	29.95	31	43	31	35.0	N. E.	N. E.	N. E.	Variable	Clear	Clear		
25	29.95	29.86	29.82	28	51	42	40.3	N. W.	S. W'ly	S. W.	Clear	Clear	Clear		
26	29.87	29.89	29.89	36	43	33	37.3	N'ly	N. W.	N. W.	Clear	Clear	Clear		
27	29.85	29.76	29.63	28	42	26	35.3	N. W.	N. W.	N. W.	Variable	Cloudy	Cloudy		
28	29.63	29.52	29.40	35	44	40	39.7	W'ly	S. E'ly	S. E'ly	Rain	Variable	Mist	0.05	
29	29.48	29.58	29.70	39	42	30	37.0	N. W.	N. W.	N. W.	Cloudy	Clear	Clear		
30	29.86	29.83	29.88	21	34	28	37.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
31	29.91	29.89	29.75	24	42	34	33.3	N. E'ly	N. E'ly	S. E'ly	Clear	Variable	Cloudy		31st. Began to rain moderately from 10 to 11 P. M. Wind S. E'ly.
Means	29.93	29.91	29.91	25.4	36.4	29.1	...	...	...	...	...	...	...	3.17	
REDUCED TO SEA LEVEL.															
Max.	30.38	30.37	30.35	43	49	47	41.0								
Min.	29.56	29.62	29.58	4	18	8	12.0								
Mean	30.11	30.09	30.09												
Range	0.82	0.75	0.77	39	31	39	29.0								
Mean of month			30.097	...	...	...	30.3								
Extreme range			0.82	...	...	...	47.0								

	Days.
S'ly & S. W'ly	7
W'ly & N. W'ly	14
N. E'ly & E'ly	10

	Days.
Clear	18
Variable	1
Cloudy	5
Rainy	7

April, 1837.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.35	29.24	29.44	41	41	33	38.3	S. E'ly	W'ly	N. W.	Rain	Variable	Clear	1.62	1st. At sunrise, wind light S'ly, with rain. From 8 to 10 A. M., heavy rain and high wind. Wind came round to W'ly, from noon to 1 P. M., and the rain ceased. Barometer began to rise about 3 P. M.
2	29.55	29.58	29.60	29	41	32	34.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		3d. Wind S. W. in the morning. Came round to N. W. towards night, with a gust of wind; colder.
3	29.52	29.37	29.47	32	52	34	42.7	S. W.	S. W.	N. W.	Variable	Cloudy	Clear		
4	29.54	29.61	29.63	31	44	33	36.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
5	29.62	29.53	29.50	27	47	36	36.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
6	29.63	29.65	29.70	34	56	40	43.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		
7	29.74	29.70	29.65	32	56	41	43.0	N. W.	S'ly	S. W.	Clear	Clear	Cloudy		
8	29.14	28.98	29.98	48	55	42	48.3	S. W.	S. W.	W'ly	Rain	Foggy	Clear	1.85	8th. Thunder, with heavy rain and wind heavy at S. W. Rain continued till 10 A. M., then foggy. At 2 P. M., thunder, with very heavy shower of rain and hail, which continued about 20 minutes. From 4 to 5 P. M., the barometer stood at 28.96. Began to rise from 6 to 7 P. M.; wind came to W'ly, and clear. Quantity of rain equal to 1.85 inch.
9	29.09	29.11	29.27	39	46	38	41.0	W'ly	W'ly	W'ly	Variable	Cloudy	Clear		9th. Wind W'ly, blustering and raw.
10	29.85	29.34	29.53	34	46	36	33.7	W'ly	N. W.	N. W.	Variable	Variable	Clear		
11	29.62	29.72	29.87	35	54	41	43.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		14th. At 6 A. M., wind W'ly. Sprinkling of rain.
12	29.91	29.82	29.81	37	58	44	46.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
13	29.72	29.58	29.49	41	63	46	50.0	N. W.	N. W.	S. W.	Foggy	Clear	Clear		
14	29.29	29.23	29.27	44	56	42	47.3	W'ly	N. W.	W'ly	Cloudy	Clear	Clear		
15	29.42	29.52	29.61	38	42	44	41.3	S. W.	N. W.	S. W.	Clear	Clear	Clear		
16	29.55	29.30	29.05	42	52	44	46.0	N. E.	E'ly	N. W.	Cloudy	Rain	Cloudy		
17	29.21	29.27	29.41	40	51	42	44.3	W.	N. W.	N. W.	Clear	Clear	Clear		
18	29.49	29.51	29.54	36	46	40	40.7	N. W.	Var.	S. W.	Cloudy	Cloudy	Clear	0.53	19th. Shower.
19	29.57	29.54	29.63	36	44	42	40.7	W.	W.	W.	Clear	Clear	Clear		
20	29.63	29.56	29.57	34	54	46	44.7	W.	W.	S. W.	Clear	Variable	Cloudy		
21	29.60	29.57	29.62	36	49	43	42.7	N. W.	N. W.	N. W.	Clear	Variable	Cloudy		
22	29.62	29.71	29.77	35	46	42	42.3	N. W.	N. W.	N. W.	Variable	Variable	Variable		
23	29.80	29.78	29.79	34	49	40	41.0	N. W.	S.	S. W.	Variable	Cloudy	Cloudy		23d. Slight sprinkling of rain in afternoon.
24	29.64	29.60	29.54	38	40	38	38.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		24th. Rain mixed with a little snow.
25	29.50	29.47	29.48	39	48	43	43.3	N.	N'ly	N'ly	Foggy	Cloudy	Variable		
26	29.49	29.47	29.61	40	54	46	46.7	N. W.	N. W.	N. W.	Cloudy	Cloudy	Cloudy		
27	29.66	29.71	29.86	39	62	43	48.0	W'ly	W.	E'ly	Clear	Clear	Clear		
28	29.97	30.02	30.07	42	68	50	53.3	S'ly	S. W.	S. W.	Clear	Clear	Clear		
29	30.07	30.00	29.90	46	71	51	56.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		
30	29.82	29.74	29.59	50	70	50	56.7	S. W.	S. W.	N. E.	Clear	Haze	Rain	0.65	
Means	29.57	29.54	29.61	37.6	52.0	41.4	...	...	...	...	...	...	...	4.65	
REDUCED TO SEA LEVEL.															
Max.	30.25	30.20	30.25	50	71	51	56.7								
Min.	29.27	29.29	29.23	27	40	32	34.0								
Mean	29.75	29.72	29.79												
Range	0.98	0.91	1.02	23	31	19	22.7								

	Days.
S'ly & S. W'ly	8
W'ly & N. W'ly	19
N. E'ly & E'ly	3

	Days.
Clear	15
Variable	7
Cloudy	4
Rainy	4

Mean of month	29.753	... ... 43.7
Extreme range	1.02	... ... 44.0

May, 1837.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.51	29.67	29.93	42	43	28	37.7	N. E.	N. W.	N. W.	Cloudy	Clear	Clear		1st. At sunrise, wind N. E.; cloudy. From 8 to 9 A. M., wind came to N. W., with gust and sprinkling of rain; very cool.
2	30.03	29.94	29.88	28	48	40	38.7	N. W.	S. W.	S. W.	Clear	Clear	Cloudy		2d. The ground frozen hard. Ice formed more than a quarter of an inch thick.
3	29.54	29.40	29.60	48	75	56	59.7	S. W.	W.	S. W.	M't & r'n	Cl., var.	Variable		5th. Thundershower from 4 to 5 A. M. Cloudy during the day. Thunder and rain from 8 to 10 P. M.
4	29.76	29.80	29.80	42	60	48	50.0	N. W.	N. W.	W'ly	Clear	Clear	Clear	0.23	6th. Variable. Shower from 4 to 6 P. M.; wind W'ly.
5	29.71	29.51	29.45	46	55	60	53.7	E'ly	S'ly	S. W.	Cloudy	Cloudy	Rain	0.42	9th. Heavy rain during the night.
6	29.33	29.40	29.50	58	76	52	62.0	S. W.	S. W.	N. W.	Variable	Clear	Variable	0.14	11th. Wind N. E. Rain in the morning. Clear in the afternoon. Cloudy and sprinkling of rain in the evening.
7	29.69	29.77	29.87	45	54	44	47.7	N. W.	W'ly	N. W.	Clear	Clear	Clear		
8	30.02	30.02	30.02	38	56	42	45.3	N. E.	N. E.	S. W.	Clear	Clear	Clear		
9	30.03	29.92	29.78	38	57	50	48.3	S. W.	S. W.	S. W.	Clear	Cloudy	Cl'dy, r'n	0.70	13th. Wind S'ly. Cloudy, with occasional sprinkling of rain.
10	29.63	29.63	29.73	46	52	49	49.0	N. E.	N. E.	W'ly	Rain	Cloudy	Cloudy	0.42	14th. Cloudy at sunrise. Clear from 7 to 8 A. M.
11	29.77	29.82	29.88	48	69	48	55.0	W'ly	W'ly	S. W.	Variable	Clear	Clear		
12	29.93	29.94	30.00	45	69	49	54.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		
13	30.02	30.02	29.92	48	57	54	53.0	S. W.	S'ly	S'ly	Cloudy	Cloudy	Cloudy		16th. Very heavy rain. Wind E'ly and S. E.
14	29.82	29.77	29.75	54	72	58	61.3	S. W.	S. W.	S. W.	Cloudy	Clear	Variable		
15	29.83	29.83	29.84	54	54	47	51.7	S. W.	N. E.	N. E.	Foggy	Mist	Mist		18th. Rain in the evening.
16	29.75	29.72	29.70	44	84	56	61.3	N. E.	E'ly	S. E'ly	Rain	Rain	Rain	2.13	19th. Warm rain from S'ly.
17	29.62	29.64	29.71	54	69	56	59.7	S'ly	S'ly	S. W.	Rain	Clear	Clear	0.33	
18	29.76	29.79	29.80	53	65	55	57.7	S. W.	S. W.	S. W.	Clear	Variable	Rain		
19	29.70	29.62	29.56	56	63	57	58.7	S. E'ly	S'ly	S'ly	Rain	Cloudy	Rain	0.50	
20	29.56	29.53	29.64	53	68	48	56.3	S. W.	S. W.	W'ly	Cloudy	Clear	Clear		
21	29.73	29.83	29.84	46	73	56	58.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		
22	29.81	29.74	29.64	54	59	54	55.7	S. W.	S. E'ly	S. E.	Variable	Rain	Cloudy	0.86	22d. Commenced raining from 8 to 9 A. M.; wind S. W'ly. Wind came round to E'ly and S. E'ly in the afternoon, with pretty heavy rain.
23	29.70	29.73	29.90	48	66	54	56.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
24	30.00	29.89	29.95	48	69	50	55.7	N. W.	S. W.	S. W.	Clear	Clear	Rain		
25	29.77	29.71	29.60	49	52	45	48.7	S. E'ly	N. E.	N. E.	Mist	Rain	Rain	1.55	
26	29.42	29.51	29.61	45	52	47	48.0	N. E.	N. E.	N'ly	Mist	Mist	Clear		
27	29.63	29.62	29.75	47	70	56	57.7	N. W.	W'ly	W'ly	Clear	Clear	Clear		
28	29.87	29.90	29.90	48	61	52	53.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
29	29.90	29.89	29.86	46	66	56	56.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
30	29.50	29.86	29.84	51	70	59	60.0	W'ly	S. W.	S. W.	Clear	Clear	Cloudy		
31	29.84	29.83	29.83	59	80	64	67.7	S. W.	S. W.	W'ly	Cloudy	Clear	Clear		
Means	29.75	29.75	29.77	47.7	63.4	51.3	...	...	...	...	...	...	...	7.28	
REDUCED TO SEA LEVEL.															
Max.	30.21	30.20	30.20	59	80	64	67.7								
Min.	29.51	29.58	29.63	28	43	28	37.7								
Mean	29.93	29.92	29.95												
Range	0.70	0.72	0.67	31	37	36	30.0								

	Days.
S'ly & S. W'ly	15
W'ly & N. W'ly	8
N. E'ly & E'ly	7

	Days.
Clear	16
Variable	3
Cloudy	3
Rainy	9

Mean of month	29.933	... ... 54.1
Extreme range	0.70	... ... 52.0

June, 1837.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. At 6 A. M.	At 1 P. M	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER	REMARKS.
1	29.85	29.83	29.83	64	82	66	70.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		
2	29.84	29.79	29.78	65	80	64	69.7	S. W.	S. E'ly	S. W.	Clear	Clear	Clear		
3	29.68	...	...	62	76	...	...	S. W.	S. W.	S. W.	Foggy	Clear	Clear		
4	...	...	...	65	80	74	73.0	N. W.	N. W.	W'ly	Clear	Clear	Clear		
5	...	29.28	29.41	64	72	64	66.7	N. W.	N. W.	N. W.	Clear	Variable	Clear		
6	29.47	29.48	29.48	59	80	61	66.7	N'ly	N. W.	S. W.	Clear	Clear	Clear		
7	29.39	29.42	29.42	56	79	61	65.7	S. W.	S. E.	S. W.	Clear	Clear	Variable		
8	29.48	29.51	29.61	58	67	60	61.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		
9	29.70	29.76	29.85	60	68	53	60.3	N. E.	N. E.	N. E.	Misty	Cloudy	Variable		
10	29.89	29.89	29.90	50	53	46	49.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Variable		
11	29.84	29.78	29.78	45	64	52	53.7	N. E.	N. E.	S. W'ly	Variable	Clear	Clear		
12	29.78	29.72	29.74	52	72	57	60.3	S. W.	S. W.	S. W.	Misty	Variable	Cloudy		
13	29.72	29.70	29.69	56	65	58	59.7	S. W.	S. W.	S. W.	Rain	Cloudy	Clear		
14	29.70	29.67	29.65	56	74	61	63.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		
15	29.61	29.61	29.60	60	66	59	61.7	S. W.	N. E.	N. E.	Cloudy	Rain	Variable		
16	29.66	29.65	29.66	55	72	54	60.3	N. E.	S. W.	S'ly	Clear	Clear	Cl'dy, r'n	0.66	16th. Heavy rain during the night.
17	29.60	29.58	29.61	54	63	50	55.7	N. E.	N. E.	N. E.	Rain	Cloudy	Cloudy		20th. Heavy rain S. E'ly during the forenoon.
18	29.65	29.66	29.70	48	64	57	56.3	N. E.	N. E.	N. E.	Cloudy	Clear	Clear		21st. Very clear in the morning; wind W'ly. Overcast with clouds about 11 A. M. Cloudy in afternoon. Began to rain about 8 P. M.; air very still. Rained during the night.
19	29.70	29.69	29.69	56	78	59	64.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		
20	29.58	29.39	29.30	58	62	60	60.0	S'ly	S. E'ly	W'ly	Rain	Rain	Clear	0.96	22d. At sunrise, wind N. W.; raining moderately. Ceased raining about 9 A. M; cleared by noon. Clear in afternoon.
21	29.40	29.43	29.39	58	72	60	63.3	W'ly	S. W.	S. W.	Clear	Variable	Rain		
22	29.40	29.50	29.70	55	75	72	67.3	N. W.	N. W.	N. W.	Rain	Clear	Clear	1.10	24th. Cloudy, with the wind brisk at S. W. Occasional sprinkling of rain. Air very damp.
23	29.83	29.85	29.88	64	81	63	69.3	N. W.	S. W.	S. W.	Clear	Clear	Clear		
24	29.85	29.74	29.68	63	70	64	65.7	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		27th. Occasional showers in afternoon.
25	29.65	29.61	29.68	64	79	69	70.7	S. W.	W'ly	S. W.	Cloudy	Variable	Variable		
26	29.79	29.78	29.83	61	75	64	66.7	S. W.	W'ly	W'ly	Clear	Clear	Foggy		
27	29.82	29.74	29.63	62	74	67	67.7	S. W.	S. W.	S. W.	Foggy	Variable	Rain	0.10	
28	29.73	29.78	29.86	63	67	64	64.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
29	29.84	29.84	29.66	63	79	65	69.0	N. W.	W'ly	S. W.	Clear	Clear	Cloudy		
30	29.63	29.55	29.58	64	82	75	73.7	W'ly	S. W.	S. W.	Cloudy	Clear	Clear		
Means	29.67	29.65	29.66	58.7	72.4	61.4	...	...	...	...	...	...	...	2.82	
REDUCED TO SEA LEVEL.															
Max.	30.07	30.07	30.08	65	82	75	73.7								
Min.	29.57	29.46	29.48	45	62	50	49.7								
Mean	29.85	29.82	29.84												
Range	0.50	0.61	0.60	20	20	25	24.0								
Mean of month		29.837		...	...	...	64.2								
Extreme range		0.62		...	...	...	37.0								

	Days.
S'ly & S. W'ly	15
W'ly & N. W'ly	8
N. E'ly & E'ly	7

	Days.
Clear	16
Variable	5
Cloudy	3
Rainy	6

July, 1837.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.56	29.52	29.52	75	88	77	80.0	W'ly	S. W.	S. W.	Clear	Clear	Clear		1st. Aurora in the evening; was seen first from 8 to 9 o'clock; the northern portion of the heavens was pretty strongly illuminated. At 10½ P. M., the light extended nearly round to the S., and began to shoot up toward the zenith from all quarters. The coruscations were not in the form of slender needles, as they most frequently are, but broad sheets or waves, which followed each other with great rapidity from 30° or 40° altitude up to the zenith; or, more exactly, to a point S. E. of the zenith, or very nearly in the magnetic pole. The light began to assume at times a reddish hue, which grew more and more intense, sometimes, for two or three minutes, presenting a pretty deep red, which seems chiefly spread over a broad belt spanning the heavens from N. W. to S. E. It continued till 11½ P. M., when it was much faded. Was not further observed.
2	29.62	29.68	29.78	70	78	65	71.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
3	29.72	29.65	29.53	62	72	64	66.0	N. W.	N'ly	S. W.	Clear	Cloudy	Rain	0.05	
4	29.53	29.54	29.57	60	76	64	66.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
5	29.55	29.49	29.45	61	70	63	64.7	N. W.	S. W.	S. W.	Clear	Rain	Clear		
6	29.50	29.51	29.55	60	77	65	67.3	S. W.	S. W.	S. W.	Cloudy	Clear	Clear		
7	29.59	29.63	29.65	64	76	65	67.3	S. W.	S. W.	S. W.	Variable	Clear	Variable		
8	29.61	29.59	29.66	65	76	67	69.3	S. W.	S. W.	S. W.	Cloudy	Clear	Clear		
9	29.73	29.79	29.81	60	72	61	64.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
10	29.79	29.74	29.74	59	75	61	65.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
11	29.71	29.66	29.68	58	81	63	67.3	N. W.	N. W.	S. W.	Clear	Clear	Rain	0.55	
12	29.79	29.80	29.89	60	71	57	62.7	N. E.	N. E.	N. E.	Variable	Clear	Variable		
13	29.89	29.90	29.81	57	73	59	63.0	N. E.	S. W.	S'ly	Variable	Clear	Variable		
14	29.74	29.60	29.59	59	81	68	69.7	S. W.	S. W.	S. W.	Clear	Clear	Variable		
15	29.63	29.47	29.53	67	82	68	72.3	S. W.	S. W.	W'ly	Clear	Clear	Shower	0.23	
16	29.65	29.71	29.82	64	77	64	68.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
17	29.95	29.99	29.98	60	76	68	68.0	N. W.	N. W.	W'ly	Clear	Clear	Clear		
18	30.00	29.93	29.94	62	83	68	71.0	W'ly	W'ly	S. W.	Clear	Clear	Clear		
19	29.85	29.77	29.70	67	84	70	73.7	S. W.	S. W'ly	S. W'ly	Clear	Clear	Shower		19th. Light shower in evening.
20	29.67	29.68	29.71	70	82	69	73.7	W'ly	W'ly	N. W.	Clear	Clear	Clear		
21	29.77	29.77	29.77	62	77	64	67.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
22	29.82	29.80	29.79	58	76	62	65.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		23d. Clear at sunrise. Clouded before noon, with occasional sprinkling. Variable in afternoon. Cloudy in evening.
23	29.75	29.74	29.68	60	76	66	67.3	S. W.	S. W.	S. W.	Clear	Cloudy	Cloudy		
24	29.58	29.51	29.45	66	75	64	68.3	S. W.	S. W.	W'ly	Cloudy	R'n, s'hr	Clear	0.45	24th. Thundershower from 2 to 3½ P. M., and another from 8 to 9 P. M. Clear before 10 P. M.
25	29.45	29.45	29.48	62	74	64	66.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
26	29.48	29.48	29.46	58	74	65	65.7	N. W'ly	N'ly	S. W'ly	Variable	Clear	Clear		
27	29.45	29.48	29.57	62	78	70	70.0	N. W'ly	N. W.	N. W.	Clear	Clear	Clear		
28	29.65	29.65	29.67	63	79	67	69.7	N. W.	N. W.	N'ly	Clear	Clear	Rain	0.10	28th. Showery in the evening.
29	29.63	29.68	29.81	64	64	58	62.0	N. E.	N. E.	N. E.	Variable	Cloudy	Clear		29th. Aurora in the evening. Diffused light round the north; not brilliant.
30	29.83	29.81	29.81	58	73	62	64.3	N. E.	S. E'ly	S. W.	Clear	Clear	Cloudy		
31	29.74	29.70	29.69	63	73	70	68.7	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		
Means	29.68	29.67	29.68	62.4	76.1	65.1	...	...	...	...	...	...	...	1.38	
REDUCED TO SEA LEVEL.															
Max.	30.18	30.11	30.12	75	88	77	73.7								
Min.	29.63	29.63	29.63	57	64	57	62.0								
Mean	29.85	29.84	29.85												
Range	0.55	0.48	0.49	18	24	20	11.7								
Mean of month		29.847		...	...	...	67.9								
Extreme range		0.55		...	...	...	31.0								

	Days.
S'ly & S. W'ly	12
W'ly & N. W'ly	16
N. E'ly & E'ly	3

	Days.
Clear	17
Variable	6
Cloudy	3
Rainy	5

August, 1837.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M	Daily mean.	WINDS. At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. At 6 A. M.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
1	29.73	29.73	29.73	66	83	69	72.7	W'ly	W'ly	S. W.	Clear	Clear	Clear		
2	29.73	29.71	29.66	70	86	75	77.0	S. W.	S. W.	S. W.	Clear	Clear	Cloudy		
3	29.57	29.47	29.49	73	82	65	73.3	S. W.	S. W.	Calm	Variable	Cl'y, sh'r	Clear	0.85	3d. Variable during the day. A copious shower, with some thunder, from 4 to 6 P. M.
4	29.58	29.63	29.68	62	73	64	66.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
5	29.84	29.88	30.01	54	70	58	60.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
6	30.16	30.15	30.13	54	74	59	62.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		
7	30.11	30.04	29.96	59	72	68	66.3	W'ly	W'ly	S. W.	Clear	Rain	Cloudy		7th. Light shower and mist during the day, with the wind W'ly and S. W'ly.
8	29.89	29.87	29.84	68	82	72	74.0	S. W.	S. W.	S. W.	Clear	Variable	Cloudy		
9	29.72	29.57	29.42	70	77	73	73.3	S. W.	S. W.	S. W.	Misty	Shower	Clear	0.27	9th. Showery during the day.
10	29.59	29.79	29.99	72	70	63	61.3	W'ly	N. E.	N. E.	Clear	Cloudy	Cloudy		
11	29.51	29.72	29.77	59	76	60	65.0	N. E.	N. E.	N'ly	Cloudy	Cloudy	Cloudy		11th. Sprinkling of rain in the evening.
12	29.80	29.80	29.79	56	65	61	60.7	N'ly	N. E.	N. E.	Cloudy	Cloudy	Cloudy		12th. Sprinkling in the morning and mist, and some rain in afternoon.
13	29.80	29.85	29.88	58	66	60	61.3	N.	N.	N.	Cloudy	Cloudy	Cloudy		
14	29.89	29.89	29.85	60	70	62	64.0	N. E.	S. E.	E.	Cloudy	Cloudy	Cloudy		
15	29.85	29.85	29.84	58	67	64	63.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		15th. Misty from 12 M. to 4 P. M.
16	29.83	29.81	29.80	62	66	64	65.3	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		
17	29.78	29.78	29.74	62	69	66	65.7	S. W.	S. W.	S. W.	Variable	Clear	Clear		
18	29.70	29.73	29.73	64	67	70	67.0	S. E.	S. E.	S. E.	Rain	Rain	Cloudy	0.43	
19	29.78	29.70	29.68	74	80	76	76.7	S. W.	N. W.	N. W.	Clear	Clear	Clear		
20	29.70	29.78	29.64	63	74	60	65.7	N. W.	N. E.	N. E.	Clear	Clear	Cloudy		
21	29.54	29.49	29.46	58	73	58	63.0	N. E.	N. E.	N. E.	Cloudy	Clear	Clear		
22	29.42	29.39	29.49	62	75	56	64.3	S'ly	W'ly	N. W.	Foggy	Variable	Clear		
23	29.54	29.59	29.65	51	68	56	58.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
24	29.70	29.69	29.69	49	71	60	60.0	N. W.	W'ly	S. W.	Clear	Clear	Clear		24th. Thermometer 47° at sunrise.
25	29.70	29.72	29.82	56	63	58	59.0	W'ly	W'ly	N. E.	Clear	Rain	Clear	0.05	25th. Light shower, with thunder, from 12 M. to 1 P. M. Light showers, also, at intervals in the afternoon.
26	29.90	29.85	29.79	54	70	64	62.7	S'ly	S. W.	S. W.	Cloudy	Clear	Cl'dy, r'n	0.40	26th. Rain during the night, with lightning.
27	29.62	29.53	29.64	66	78	67	70.3	S. W.	S. W.	N. W.	Misty	Variable	Clear		30th. Clear at sunrise. Showers from 9 to 10 A. M. Severe tempest, with heavy thunder and copious rain, from 4 to 6 P. M.; wind W'ly. In the evening, wind N. E.; cloudy.
28	29.56	29.59	29.65	60	70	59	63.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
29	29.65	29.62	29.59	53	75	64	64.0	N. W.	N. W.	N. W.	Clear	Clear	Variable		
30	29.38	29.27	29.43	68	84	60	70.7	S. W.	W'ly	N. E.	Clear	Clear	Cloudy		
31	29.55	29.60	29.62	57	67	54	59.3	N. W.	N. W.	N. W.	Clear	Variable	Clear		
Means	29.71	29.71	29.72	61.3	73.0	63.4	...	...	...	...	...	...	...	2.00	
REDUCED TO SEA LEVEL.															
Max.	30.34	30.33	30.31	74	86	76	77.0								
Min.	29.56	29.45	29.64	49	63	54	58.3								
Mean	29.88	29.88	29.89												
Range	0.78	0.88	0.67	25	23	22	18.7								
Mean of month		29.883		...	...	...	65.9								
Extreme range		0.89		...	...	...	35.0								

	Days.
S'ly & S. W'ly	8
W'ly & N. W'ly	13
N. E'ly & E'ly	10

	Days.
Clear	15
Variable	4
Cloudy	7
Rainy	5

September, 1837.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.71	29.73	29.80	50	66	55	57.0	N. W.	N. W.	N. E.	Clear	Clear	Clear		
2	29.80	29.79	29.70	50	64	53	55.7	N. E.	N. E.	N. E.	Clear	Variable	Clear		
3	29.74	29.81	29.94	48	70	54	57.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
4	30.05	30.11	30.15	45	68	50	54.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
5	30.19	30.18	30.27	49	73	56	59.3	N. W.	S. W'ly	S. W.	Clear	Clear	Clear		
6	30.19	30.16	30.14	50	76	56	60.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		
7	30.07	30.01	29.94	55	72	60	62.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		
8	29.89	29.86	29.85	60	76	63	66.3	S. W.	S. W.	S. W.	Foggy	Variable	Clear		
9	29.85	29.83	29.84	56	78	60	64.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		
10	29.84	29.78	29.73	60	76	68	68.0	S. W.	S. W.	S. W.	Variable	Variable	Clear		
11	29.64	29.56	29.48	68	82	68	72.7	S. W.	S. W.	S. W.	Misty	Clear	Cloudy		
12	29.47	29.47	29.57	57	67	55	59.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
13	29.66	29.71	29.82	46	62	51	59.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
14	29.87	29.89	29.92	42	68	53	53.0	N. W.	S. W'ly	W'ly	Clear	Clear	Clear		14th. At sunrise, thermometer 42°; light frost in the vicinity.
15	29.98	29.99	30.00	44	64	50	54.3	N. W.	N. E.	N. E.	Clear	Clear	Clear		
16	30.00	29.95	29.94	48	67	55	52.7	N. E'ly	N. E'ly	N. E.	Clear	Cloudy	Variable		
17	29.85	29.79	29.75	54	76	65	65.0	N. E'ly	E'ly	S'ly	Variable	Variable	Variable		
18	29.69	29.58	29.51	63	78	69	70.0	S'ly	S'ly	W'ly	Foggy	Misty	Clear		18th. Wind S'ly. Foggy, with mist, during the day; the air very sultry. Cleared in the evening, with wind W'ly.
19	29.65	29.69	29.76	60	64	52	58.7	W'ly	W'ly	N. W.	Variable	Clear	Clear		
20	29.94	29.98	30.04	43	64	49	52.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		21st. Aurora in the evening.
21	30.13	30.17	30.17	41	67	47	51.7	N. W.	E.	E.	Clear	Clear	Clear		23d. Wind N. W., very blustering. Aurora in the evening.
22	30.12	29.87	29.80	49	68	54	57.0	N. E.	S'ly	S'ly	Clear	Clear	Clear		24th. Pleasant. Aurora in the evening.
23	29.75	29.80	30.00	52	65	49	55.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		25th. Light frost in the vicinity.
24	30.11	30.16	30.15	40	63	48	50.3	N. W.	N. W.	S. W.	Clear	Clear	Clear		
25	30.11	30.04	29.97	39	71	53	54.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		
26	29.85	29.80	29.82	52	70	63	61.7	S. W.	S. W.	W'ly	Clear	Cloudy	Clear		
27	29.90	29.99	30.03	51	63	51	55.0	N. E.	E'ly	N. E.	Clear	Variable	Cloudy		
28	30.00	29.90	29.80	51	62	63	58.7	N. E.	W'ly	S. W.	Cloudy	Cloudy	Cloudy		
29	29.82	29 90	29.95	62	58	50	56.7	W'ly	N. E.	N. E.	Clear	Cloudy	Cloudy		
30	29.92	29.81	29.65	53	54	53	53.3	N. E.	N. E.	E'ly	Cloudy	Rain	Rain		
Means	29.89	29.89	29.88	51.0	67.7	55.7	...	...	...	...	...	...	...	0.48	
REDUCED TO SEA LEVEL.															
Max.	30.37	30.36	30.45	68	82	69	72.7								
Min.	29.65	29.65	29.75	39	54	47	50.3								
Mean	30.07	30.06	30.06												
Range	0.72	0.71	0.70	29	28	22	22.4								
Mean of month		30.063		...	...	...	58.5								
Extreme range		0.80		...	...	...	42.0								

	Days.
S'ly & S. W'ly	12
W'ly & N. W'ly	10
N. E'ly & E'ly	8

	Days.
Clear	19
Variable	7
Cloudy	3
Rainy	1

October, 1837.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.55	29.59	29.70	55	70	58	61.0	N. W.	N. W.	N. W.	Cloudy	Clear	Clear		
2	29.75	29.71	29.67	49	71	61	60.3	S. W'ly	S. W.	S. W.	Clear	Clear	Clear		
3	29.82	29.81	29.86	45	62	44	50.3	N. W.	N. W.	N. E.	Clear	Clear	Cloudy		
4	29.93	29.94	30.06	34	46	35	38.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		4th. First white frost in the College yard.
5	30.07	29.96	29.76	29	52	50	43.7	N. W.	S. W'ly	S. W'ly	Clear	Cloudy	Rain		5th. Severe frost. Ice in open vessels more than one-eighth of an inch thick.
6	29.68	29.63	29.68	53	60	44	52.3	S. W.	S. W.	N. W.	Cloudy	Cloudy	Clear		
7	29.82	29.78	29.81	36	57	46	46.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		
8	29.92	29.97	30.14	42	50	37	43.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
9	30.30	...	...	29	...	...	...	N. W.	...	...	Clear	...	...		
10	...	...	...	...	...	...	...	...	...	...	...	...	...		
11	...	29.86	29.92	...	74	60	...	...	W'ly	W'ly	...	Clear	Cloudy		
12	29.86	29.74	29.68	50	72	61	61.0	W'ly	S. W.	S. W.	Clear	Clear	Rain	} 0.86	
13	29.72	29.81	30.06	42	40	30	37.3	N. E.	N'ly	N. W.	Rain	Cloudy	Clear		13th. Rain and snow in the forenoon; wind N. E. Cleared in the afternoon.
14	30.15	30.20	30.17	23	44	35	34.0	N. W'ly	N. W.	W'ly	Clear	Clear	Clear		
15	30.09	...	29.99	33	...	52	...	S. W.	...	S. W.	Clear	...	Clear		
16	29.98	30.00	30.11	52	63	50	55.0	S. W.	N. W.	N. W.	Cloudy	Clear	Clear		
17	30.21	30.16	30.07	43	59	45	49.0	N. W.	S. W.	W'ly	Clear	Clear	Clear		
18	29.82	29.63	29.55	45	68	62	58.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		
19	29.77	29.85	29.96	59	54	38	50.3	S. W.	N. E.	N. W.	Cloudy	Cloudy	Clear		
20	29.82	29.58	29.55	46	53	53	50.7	S'ly	S. E'ly	S'ly	Cloudy	Rain	Variable		
21	29.70	29.75	29.87	44	55	38	45.7	W'ly	N. W.	N. W.	Clear	Clear	Clear		
22	29.94	29.89	29.85	30	51	44	41.7	N. W.	S. E'ly	S. W.	Clear	Clear	Clear		22d. Aurora; bright from 6½ to 8 P. M, shooting up towards the zenith in long, slender needles.
23	29.81	29.80	29.80	48	67	55	56.7	S. W.	S. W.	S. W.	Clear	Clear	Foggy		
24	29.80	29.79	29.83	55	65	61	60.3	S. W.	S. W.	W'ly	Foggy	Variable	Foggy		
25	29.81	29.82	29.94	60	65	50	58.3	N. E.	N. E.	N. E.	Cloudy	Cloudy	Variable		
26	29.90	29.90	29.86	49	51	48	49.3	N. E.	N. E.	N. E.	Cloudy	Misty	Rain	0.43	
27	29.75	29.60	29.64	48	52	45	48.3	N. E.	N. E.	N. W.	Misty	Misty	Variable		27th. Wind N. E. Mist and light rain during the day. Stars appearing at 10 P. M.; wind N. W'ly.
28	29.82	29.91	29.88	36	46	36	39.3	N. W.	N. W.	N. W.	Variable	Clear	Clear		
29	29.91	29.91	29.83	31	34	34	33.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		
30	29.69	29.67	29.83	30	47	40	39.0	N'ly	N'ly	N. W.	Variable	Variable	Clear		
31	29.94	29.93	29.88	36	41	37	38.0	N. E.	N. E.	N. E.	Variable	Variable	Variable		
Means	29.84	29.83	29.87	42.4	56.0	46.5	...	...	...	...	...	...	...	1.29	
REDUCED TO SEA LEVEL.															
Max.	30.48	30.40	30.35	59	74	62	65.0								
Min.	29.73	29.76	29.73	23	34	30	29.0								
Mean	30.05	30.00	30.05												
Range	0.75	0.64	0.62	36	40	32	26.0								
Mean of month			30.033	...	...	...	48.3								
Extreme range			0.75	...	...	...	51.0								

	Days.
S'ly & S. W'ly	8
W'ly & N. W'ly	12
N. E'ly & E'ly	10

	Days.
Clear	19
Variable	4
Cloudy	5
Rainy	2

November, 1837.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.69	29.62	29.62	30	51	38	39.7	N. W.	N. W.	N. W.	Variable	Clear	Clear		
2	29.63	29.62	29.63	33	51	36	40.0	N. W.	N. W.	N. W.	Variable	Clear	Clear		
3	29.86	29.82	29.84	31	50	42	41.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
4	29.80	29.71	29.70	36	61	44	47.0	W'ly	S. W.	S. W.	Clear	Clear	Clear		
5	29.42	29.28	29.22	50	61	60	57.0	S. W.	S. W'ly	S. W.	Rain	Cloudy	Variable	0.10	
6	29.32	29.43	29.54	50	50	40	46.7	W'ly	N. W.	N. W.	Clear	Clear	Variable		
7	29.36	29.51	29.73	40	49	37	42.0	W'ly	N. W.	N. W.	Clear	Clear	Clear		
8	29.99	30.02	30.14	28	35	26	29.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
9	30.24	30.17	29.96	22	35	36	31.0	N. W.	N. W.	S. W.	Clear	Cloudy	Cloudy		
10	29.71	29.72	29.97	48	58	36	47.3	S. W.	W'ly	N. W.	Cloudy	Clear	Clear		
11	30.05	29.96	29.77	27	46	46	39.7	N'ly	S'ly	S. E'ly	Clear	Clear	Cloudy		
12	29.34	29.27	29.55	54	54	44	50.7	S. E.	W'ly	N. W.	Rain	Cloudy	Clear	0.45	
13	29.68	29.76	29.76	31	40	33	34.7	N. W.	...	N. E.	Clear	Clear	Variable		
14	29.60	29.48	29.52	31	24	27	27.3	N. E.	N. E.	N. E'ly	Snow	Snow	Cloudy	0.50	14th. Began to snow about sunrise Wind brisk N. E Continued to snow, with driving wind and cold, till from 8 to 9 P. M. Severe storm for the season.
15	29.75	29.79	29.99	20	34	24	26.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
16	30.15	30.11	30.10	18	42	28	29.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
17	30.21	30.21	30.17	29	42	36	35.7	N. W.	N. W.	S. W.	Clear	Clear	Variable		
18	30.14	30.08	30.01	36	52	44	44.0	S. W.	S. W.	S. W.	Variable	Variable	Clear		
19	29.83	29.86	30.01	54	57	50	53.7	S. W.	W'ly	W'ly	Cloudy	Clear	Cloudy		
20	29.92	29.82	29.80	42	67	59	56.0	S. W.	S. W.	S. W.	Variable	Clear	Clear		
21	29.76	29.71	29.66	50	69	57	58.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		
22	29.48	29.26	28.95	50	57	55	54.0	S. W.	S. E'ly	S. E'ly	Foggy	Foggy	Misty		22d. Wind light S. E'ly, with heavy fog. Occasional mist and rain during the day.
23	28.77	28.88	29.19	38	40	30	33.3	W'ly	W'ly	W'ly	Clear	Variable	Clear		23d. Wind W'ly; very blustering.
24	29.29	...	29.34	28	...	30	29.0	W'ly	...	N. E.	Clear	...	Snow	} 0.90	25th. Driving snow-storm from N. E. during the night, and continued, without much abatement, till from 8 to 9 A. M. Eight or nine inches of moist snow, equal to 0.9 inch of water. Cloudy, with light snow in the air, during the greater part of the day. Clear in the evening.
25	29.21	29.15	29.46	25	26	18	23.0	N. E.	N. E.	W'ly	Snow	Cloudy	Clear		
26	29.73	29.80	29.91	11	24	13	16.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
27	30.12	30.16	30.26	13	28	18	19.7	N. W.	W'ly	N. W.	Clear	Clear	Clear		
28	30.29	30.26	30.25	13	38	33	28.0	W'ly	S. W.	S. W.	Clear	Clear	Clear		
29	30.21	30.12	29.89	38	47	44	43.0	S. W.	S. W.	S. W.	Cloudy	Clear	Clear		
30	29.90	29.92	29.98	43	54	42	46.3	S. W.	S. W.	S. W.	Clear	Clear	Variable		
Means	29.74	29.74	29.73	33.9	46.2	37.5	...	...	...	...	...	...	...	1.95	
REDUCED TO SEA LEVEL.															
Max.	30.47	30.44	30.44	54	69	60	58.7								
Min.	29.39	29.33	29.37	11	24	13	16.0								
Mean	29.92	29.92	29.91												
Range	1.08	1.11	1.07	43	45	47	42.7								
Mean of month			29.917	...	...	...	39.2								
Extreme range			1.14	...	...	...	58.1								

	Days.
S'ly & S. W'ly	8
W'ly & N. W'ly	17
N. E'ly & E'ly	5

	Days.
Clear	21
Variable	3
Cloudy	1
Rainy	5

December, 1837.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.95	29.84	29.83	36	49	43	42.7	S. W'ly	S. W'ly	W'ly	Variable	Cloudy	Clear		1st. The aurora considerably bright during the evening; for a short time, brilliant corruscations of red light.
2	29.79	29.76	29.68	42	47	46	45.0	N. E'ly	N. E'ly	N. E'ly	Cloudy	Cloudy	Misty		5th. Very clear at sunrise. Soon after dark, the moon appeared with a halo around it, distant about 22½°. The air soon began to be perceptibly hazy. The disk of the moon was dimmed, and the stars disappeared one after another, till, at 10 o'clock, the moon was much obscured by increasing vapor, and the bow became extinct.
3	29.48	29.52	29.59	44	48	44	45.3	S'ly	S. W'ly	N. W.	Cloudy	Cloudy	Variable		
4	29.69	29.69	29.72	32	47	34	37.7	W'ly	W'ly	N. W.	Cloudy	Variable	Clear		
5	29.98	29.98	30.03	28	36	28	30.7	N. W.	N. W.	N. W.	Clear	Clear	Hazy		
6	30.07	30.00	29.89	25	37	32	31.3	N. W.	N. W.	S. W.	Clear	Clear	Clear		
7	29.85	29.83	29.78	29	40	30	33.0	N. W.	N. W.	N. W.	Clear	Clear	Cloudy		
8	29.50	29.41	29.64	31	40	18	29.7	S. W.	W'ly	N. W.	Clear	Clear	Clear		
9	29.86	29.86	29.82	14	26	24	21.3	N. W.	N. W.	N. E.	Cloudy	Variable	Variable		On the following morning, the weather was mild and beautiful.
10	29.60	29.43	29.32	22	31	28	27.0	N. E.	N. E'ly	N. E.	Cloudy	Snow	Snow	0.75	8th. Cloudy and blustering in the afternoon with wind W'ly. Came to N. W., and cleared in the evening; much cooler.
11	29.40	29.39	29.50	22	32	26	26.7	N'ly	N'ly	N. W.	Cloudy	Cloudy	Clear		
12	29.50	29.52	29.59	22	33	24	26.3	W.	W'ly	N. W.	Clear	Clear	Clear		9th. Wind came to N. E., from 1 to 2 P. M., very light. Clouded up towards night. Flurry of snow in the night.
13	29.67	29.66	29.75	22	31	23	25.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
14	29.68	29.66	29.70	10	22	10	14.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		10th. Began to snow from 7 to 8 P M.; wind very light N. E.; snow damp. Continued to snow till from 10 to 12 P. M Snow from six to seven inches, equal to 0.75 of an inch of water.
15	29.78	29.82	29.98	4½	19	12	11.8	N. W.	N. W.	N. W.	Clear	Clear	Clear		
16	30.06	30.03	30.04	7	25	16	16.0	N. W.	N. W'ly	N. W.	Clear	Variable	Variable		17th. Began snowing from 1 to 2 P. M.; wind light at N. E.
17	30.07	29.99	29.88	14	21	26	30.3	N. W.	N. E'ly	N. E'ly	Variable	Cloudy	Cloudy		
18	29.45	28.70	29.15	35	50	37	40.7	S. E.	S. W.	N. W'ly	Rain	Rain	Cloudy	1.80	18th. At 5 A. M., raining moderately; wind light at S. E. At sunrise, rain increasing; wind as before; barometer 29.48. At 10 A. M., wind hauling to S. with increased force, and heavy rain. At 12 M., wind S'ly, pretty strong, and rain still heavy. At from 12 M. to 1 P M., rain abating, clouds broken, and the sun out for a few minutes. At 1 P. M., wind S. W., moderate; rain nearly over; barometer 28 74. At 2 P M., wind light S.W.; clouds broken; barometer 28.60. At 3 P. M., wind S. W.; raining moderately; barometer 28.60. At 3½ P. M., wind W'ly; barometer beginning to rise. At 4 P. M, barometer 28.67, rising fast; wind hauling round to N. W.
19	29.41	29.38	29.41	31	37	30	32.7	N. W.	N. W.	N. W.	Clear	Variable	Variable		
20	29.43	29.48	29.63	22	21	12	18.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
21	29.69	29.71	29.74	8	21	13	14.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
22	29.84	29.87	30.06	5	19½	10	11.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
23	30.11	30.17	30.15	8	27	24	19.7	N. W.	S. W'ly	S. W.	Clear	Clear	Cloudy		
24	30.02	29.86	29.82	27	33	29	29.7	S'ly	S. E'ly	N. E.	Snow	Cloudy	Cloudy		
25	29.83	29.81	29.78	23	36	33	30.7	W'ly	W'ly	S. W.	Clear	Clear	Clear		
26	29.65	29.53	29.84	33	45	28	35.3	S. W.	S. W.	N. W.	Cloudy	Variable	Clear		
27	30.15	30.20	30.21	19	26	22	22.3	N. W.	N. W.	N. E.	Clear	Clear	Cloudy		
28	30.01	29.87	29.87	25	39	30	31.3	N. E.	S'ly	N. W.	Cloudy	Cloudy	Clear		
29	29.86	29.87	29.79	25	40	35	33.3	W'ly	W'ly	S. W'ly	Clear	Clear	Clear		
30	29.78	29.82	29.93	31	47	33	37.0	S. W'ly	W'ly	N. W.	Clear	Clear	Clear		
31	29.96	29.99	30.08	30	39	34	34.3	N. W.	W'ly	N. E.	Variable	Variable	Cloudy		
Means	29.78	29.73	29.78	23.4	34.3	26.9	...	...	...	...	...	...	...	2.55	
REDUCED TO SEA LEVEL.															
Max.	30.33	30.38	30.39	44	50	46	45.3								
Min.	29.58	29.57	29.33	4½	19½	10	11.3								
Mean	29.96	29.91	29.96												
Range	0.75	0.81	1.06	39½	30½	36	34.0								
Mean of month			29.943	...	...	...	28.2								
Extreme range			1.06	...	...	...	45.0								

	Days.
S'ly & S. W'ly	4
W'ly & N. W'ly	21
N. E'ly & E'ly	6

	Days
Clear	16
Variable	7
Cloudy	6
Rainy	2

January, 1838.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.15	30.17	30.16	33	40	34	35.7	N. E.	N. E.	N. E.	Misty	Cloudy	Cloudy		5th. Wind brisk from S. W. in afternoon. From 6 to 8 P. M., very blustering, with heavy clouds from S. W. and sprinkling of rain. At 10 P. M., moon out; wind more moderate
2	30.09	30.03	29.93	34	41	37	37.3	N. E'ly	S. W.	S. W.	Cloudy	Variable	Variable		
3	29.84	29.79	29.87	35	50	39	41.3	S. W.	S. W.	W'ly	Clear	Clear	Clear		8th. Very mild in the morning; wind S. W. From 11 A. M. to 12 M., wind came round to W., and thence, in an hour or so, to N.W., with dashes of rain, heavy clouds, and blusterings. In the evening, partially clear; wind at the surface light from N. W., while the clouds come from S. W.
4	29.96	30.02	30.07	40	48	40	42.7	S. E.	N. E.	N. E.	Cloudy	Variable	Variable		
5	29.93	29.74	29.69	42	58	52	50.7	S. W'ly	S. W.	S. W.	Foggy	Variable	Variable		
6	29.89	29.94	30.04	38	47	34	39.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		
7	29.93	29.92	29.79	29	45	44	39.3	S. W'ly	S. W.	S. W.	Foggy	Clear	Foggy		
8	29.64	29.65	29.95	46	45	32	41.0	S. W.	N. W.	N. W.	Variable	Cloudy	Variable		
9	30.09	30.05	29.93	22	35	33	30.0	N. E.	N. E.	N. E'ly	Clear	Cloudy	Misty		9th. Wind came to N. E. early in the morning A little snow and mist at intervals during the day; wind light.
10	29.88	29.84	29.91	34	35	22	30.3	S. W.	N. W.	N. W.	Variable	Clear	Variable		
11	29.99	29.99	30.01	14	20	15	16.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
12	30.06	30.05	30.12	17	31	23	23.7	N. W.	W'ly	W'ly	Clear	Clear	Clear		15th. At sunrise, wind S. W.; warm; raining moderately. From 9 to 10 A M., wind came to about W. N. W., and continued blustering through the day.
13	30.07	30.00	30.04	22	39	32	31.0	W'ly	S. W'ly	S. W'ly	Clear	Clear	Clear		
14	29.97	29.83	29.68	30	46	40	38.7	S. W'ly	S. W'ly	S. W.	Clear	Clear	Variable		
15	29.36	29.41	29.72	44	41	32	39.0	S. W.	W.N.W	W.N.W	Rain	Clear	Clear	0.33	17th. Wind S. W., very fresh; came round to W'ly in afternoon, and subsided; partially clear. Two or three very light showers during the day—just enough to wet the ground.
16	29.86	29.78	29.80	31	43	41	38.3	W'ly	S. W.	S. W.	Clear	Clear	Clear		
17	29.74	29.65	29.59	42	56	54	50.7	S. W.	S. W.	W'ly	Variable	Cloudy	Variable		18th. At sunrise, very thick fog; wind light S. W'ly. At 1 P. M., wind light N. E.; fog thick. Misty in the evening. Considerable rain during the night. Frost entirely out of the ground in many places.
18	29.76	29.76	29.72	41	46	37	41.3	S. W'ly	N. E.	N. E.	Foggy	Foggy	Misty		
19	29.35	29.12	29.48	34	38	25	32.3	N. E.	N. E.	N. W.	Rain	Rain	Clear	1.00	
20	29.89	30.00	30.09	18	26	18	20.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
21	30.05	29.94	29.98	17	28	26	23.7	W'ly	W'ly	N. E'ly	Variable	Cloudy	Clear		19th. At sunrise, raining moderately; wind N. E. From 11 to 12 A. M., wind hauled N'ly, and continued to swing till 2 P. M., when it reached the S. W., much increased in strength, with heavy dashes of rain. At 4 P. M., the clouds became broken; wind hauled to W'ly, and soon to N. W., very high and gusty. At sunset, there were two strata of clouds, which seemed to be very close together, both low and heavy, though broken, and both in pretty rapid motion—the lower from N. W., the upper from S. W. Clear at 6 P. M.; barometer rising rapidly. Wind high and very blustering during the night. Rain 1.00 inch.
22	30.12	30.07	30.10	16	25	16	19.0	N. E.	N. E.	N. W.	Variable	Variable	Clear		
23	30.14	30.09	30.07	12	30	28	23.3	N. W.	N. E'ly	S. E'ly	Clear	Clear	Variable		
24	30.15	30.10	30.11	25	40	29	31.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		
25	30.21	30.20	30.11	28	38	34	33.3	S. W.	S. W.	E'ly	Cloudy	Clear	Cloudy		
26	29.85	29.74	29.93	38	53	40	43.7	S. W'ly	S. W.	W'ly	C'y, f'g, r	Variable	Clear	0.33	
27	29.94	29.92	29.38	34	37	35	35.3	N. E.	N. E.	N. E.	Cloudy	Cloudy	Rain	1.04	
28	29.16	29.20	29.44	33	42	34	36.3	W'ly	S. W.	N. W.	Variable	Variable	Variable		
29	29.55	29.38	29.66	24	26	15	21.7	W'ly	W'ly	N. W.	Variable	Variable	Clear		
30	29.71	29.68	29.75	10	14	6	10.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
31	29.85	29.86	29.98	3	16	11	10.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
Means	29.90	29.84	29.87	28.6	38.0	30.9	...	...	...	...	...	...	...	2.70	
REDUCED TO SEA LEVEL.															
Max.	30.39	30.38	30.34	42	58	54	50.8								
Min.	29.34	29.30	29.56	3	14	6	10.0								
Mean	30.08	30.02	30.05												
Range	0.95	1.08	0.78	39	44	48	40.8								
Mean of month			30.050	...	...	...	32.5								
Extreme range			1.09	...	...	...	55.0								

	Days.
S'ly & S. W'ly	11
W'ly & N. W'ly	11
N. E'ly & E'ly	9

	Days.
Clear	12
Variable	11
Cloudy	4
Rainy	4

28th. At sunrise, weather mild and pleasant. Frost out of the ground in most places.

29th. Very blustering all day. Flurry of snow from 11 A. M. to 2 P. M. Weather changed to severe cold

30th. Wind blustering, and severe cold.

February, 1838.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M		
1	30.01	29.96	29.87	5	24	19	16.0	N. W.	N. W.	N. W.	Clear	Clear	Cloudy		1st. Wind N. W. in morning, S.W'ly in afternoon; came to N. W. again in evening; light all day.
2	29.75	29.67	29.66	12	23	10	15.0	N. W.	N. W.	W'ly	Variable	Cloudy	Clear		2d. Cloudy in morning. Clear in afternoon. Wind moderate N. W.
3	29.56	29.47	29.45	8	14	10	10.7	N. E.	N'ly	N'ly	Cloudy	Cloudy	Cloudy		3d. Very raw and cold. Flurry of snow towards night. Wind moderate.
4	29.42	29.43	29.48	5	18	13	12.0	N. W.	N. W.	N. W.	Variable	Variable	Clear		4th. Variable in morning, with a flurry of snow. Very clear in afternoon and evening. Brilliant aurora of red light seen at 5 A. M., shooting up from the N. E. towards the zenith, and also from the W. Light round the N.; some corruscations, but not brilliant.
5	29.52	29.47	29.55	8	23	14	15.0	S. W.	W'ly	W'ly	Clear	Clear	Clear		
6	29.72	29.72	29.83	9	26	19	18.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
7	29.93	29.90	29.74	12	31	33	25.3	W'ly	S. W.	S. W.	Clear	Clear	Cloudy		
8	29.41	29.40	29.43	44	39	33	35.3	S. W'ly	N. W'ly	N. E.	Cloudy	Cloudy	Cloudy	0.25	
9	29.34	29.28	29.30	31	34	28	31.0	N. E.	N. E'ly	W'ly	Snow	Sn. & r'n	Variable	0.10	
10	29.45	29.45	29.50	23	29	24	25.3	N. W.	N. W.	N. W.	Clear	Clear	Cl'y, var.		Night of 7th. Shower, equal 0.25 inch of water.
11	29.49	29.43	29.40	19	35	23	25.7	N. W.	W'ly	N. E.	Clear	Variable	Snow	0.50	9th. Began to snow very moderately from 6 to 7 A. M.; wind light N. E. Snow, mixed with a little rain, continued very moderately during a greater part of the day. 0.10 inch of water.
12	29.75	29.84	29.87	10	24	22	18.7	N. W.	N. W.	S. W.	Clear	Clear	Variable		
13	29.90	29.84	29.64	26	38	32	32.0	S. W.	S. W.	E'ly	Variable	Clear	Rain	0.60	
14	29.58	29.67	29.89	28	29	15	24.0	N. W.	N. W.	N. W.	Variable	Clear	Clear		11th. Very pleasant morning; nearly clear; wind light W'ly. Clouded up, and flurry of snow, from 11 to 12 A. M. At 1 P. M., sun out; wind S. W.; very mild. From 4 to 5 P. M., began to snow; wind soon came to N. E. At 6 P. M. and after, wind growing fresh, and snow blowing. Wind came to N. W., and cleared before morning. About 6 inches light, dry snow fallen, equal 0.5 inch of water.
15	29.91	29.81	29.68	8	16	14	12.7	N. E.	N. E.	N'ly	Cloudy	Snow	Cloudy	0.25	
16	29.38	29.31	29.68	12	20	16	16.0	N. E.	N. E.	N'ly	Misty	Misty	Snow	0.62	
17	29.32	29.71	29.74	4	10	4	6.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
18	29.66	29.53	29.47	4	24	16	14.7	N. W'ly	W'ly	W'ly	Clear	Clear	Clear		
19	29.44	29.36	29.43	13	22	13	16.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		
20	29.45	29.42	29.47	10	18	8	12.0	W'ly	W'ly	N. W.	Clear	Clear	Clear		
21	29.52	29.55	29.68	5	19	12	12.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
22	29.79	29.78	29.79	10	26	16	17.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
23	29.77	29.67	29.65	9	29	17	18.3	N. W.	W'ly	W'ly	Clear	Clear	Clear		
24	29.60	29.57	29.67	15	28	14	19.0	W'ly	W'ly	N. W.	Clear	Clear	Clear		
25	29.73	29.70	29.68	2	16	11	9.7	W'ly	N. W.	N. W.	Clear	Clear	Clear		
26	29.73	29.73	29.86	4	19	5	9.3	N. W.	N. W.	N. W.	Variable	Variable	Clear		
27	29.89	29.87	29.87	1	23	15	13.0	N. W.	N. W.	N'ly	Clear	Clear	Cloudy		
28	29.88	29.83	29.83	7	25	22	18.0	N. W.	N'ly	W'ly	Clear	Clear	Clear		
Means	29.64	29.62	29.65	12.3	24.4	17.0	...	...	...	...	...	...	...	2.32	
REDUCED TO SEA LEVEL.															
Max.	30.19	30.14	30.07	28	39	33	35.3								
Min.	29.50	29.46	29.48	1	10	4	6.0								
Mean	29.82	29.80	29.83												
Range	0.69	0.68	0.59	27	29	29	29.3								
Mean of month			29.817	...	...	...	17.9								
Extreme range			0.73	...	...	...	38.0								

	Days.
S'ly & S. W'ly	3
W'ly & N. W'ly	19
N. E'ly & E'ly	6

	Days.
Clear	19
Variable	2
Cloudy	2
Rainy	5

March, 1838.

	Sunrise.	At 1 P M.	At 10 P M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.83	29.84	29.86	20	29	23	24.0	N. W'ly	N. E.	N. E.	Clear	Variable	Clear		4th. Very pleasant.
2	29.88	29.89	29.93	15	26	22	21.0	N. E'ly	N. E'ly	N'ly	Clear	Clear	Clear		5th. Wind S E'ly. Began to rain from 3 to 4 P. M. Wind and rain heavy in the evening. Cleared, with wind W'ly, before morning. Rain 1.00 inch.
3	30.06	30.10	30.15	27	35	23	28.3	N. E.	N. E.	N. E.	Cloudy	Clear	Clear		
4	30.20	30.18	30.15	17	36	26	26.3	N. W.	N. E.	W'ly	Clear	Clear	Clear		
5	29.95	29.74	29.32	18	38	40	32.0	S. E.	S. E.	S. E'ly	Cloudy	Cloudy	Rain	1.00	6th. Halo about the moon in the evening; wind light W'ly; came to N. E. before morning.
6	29.46	29.62	29.76	35	46	36	39.0	W'ly	W'ly	W'ly	Clear	Clear	Variable		7th. Began to snow early in the forenoon, with wind N. E Snow and rain in the afternoon and evening.
7	29.77	29.76	29.78	34	33	32	33.0	N. E.	N. E.	N. E.	Cloudy	Snow	Rain		
8	29.75	29.72	29.60	32	36	31	33.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Snow	1.00	8th. Wind N. E. Cloudy, with some mist during the day. At 5½ P. M., began to snow, and continued through the night. 6 or 7 inches of damp snow.
9	29.68	29.79	29.90	26	38	34	32.7	N. E.	N. W.	N. W.	Snow	Clear	Clear		
10	29.95	29.95	29.94	34	44	35	37.7	N. W.	N'ly	N. W.	Cloudy	Cloudy	Clear		
11	29.85	29.76	29.73	35	48	33	38.7	S'ly	S. W'ly	S. W.	Cloudy	Variable	Clear		9th. Cleared from 8 to 9 A. M. Wind came to N. W.
12	29.74	29.78	29.91	31	46	34	37.0	W'ly	N'ly	N. E.	Clear	Clear	Clear		10th. Cloudy in morning. Clear in afternoon. mild and pleasant.
13	29.98	29.98	29.94	28	48	34	36.7	N. E.	S. W'ly	S. W'ly	Clear	Clear	Clear		11th and 12th. Mild and pleasant.
14	29.93	29.87	29.87	30	49	34	37.7	N. W'ly	E'ly	N. E.	Clear	Clear	Clear		13th. Very mild and pleasant.
15	29.73	29.62	29.60	35	49	38	40.7	E'ly	N. E'ly	N. E.	Clear	Clear	Clear		15th and 16th. Mild and pleasant.
16	29.63	29.67	29.76	38	52	41	43.7	N. W.	N. E.	S'ly	Clear	Clear	Clear		17th. Wind N. E., brisk and raw, increasing towards night, and cloudy. Wind continued heavy during the night.
17	29.83	29.87	29.84	35	38	34	35.7	N. E.	N. E.	N. E.	Variable	Cloudy	Cloudy		
18	29.67	29.63	29.55	31	32	28	30.3	N. E.	N. E.	N. E.	Snow	Snow	Snow	0.50	18th. Snow began to fall about 6 A. M.; wind heavy N. E. Snow continued till after 10 P. M., but ceased before morning.
19	29.43	29.38	29.35	28	38	34	33.3	N. E.	E'ly	S'ly	Cloudy	Cloudy	Clear		
20	29.39	29.45	29.54	36	56	36	42.7	S. W.	S. W.	S. W.	Clear	Variable	Clear		
21	29.58	29 81	30.04	35	45	31	37.0	W'ly	N. E'ly	E'ly	Cloudy	Variable	Clear		
22	30.09	30.16	30.09	34	46	33	37.7	N. E'ly	S. E'ly	E'ly	Variable	Variable	Misty		
23	30.10	30.12	30.04	35	42	36	37.7	N'ly	S. E'ly	S'ly	Misty	Cloudy	Misty		
24	29.77	29.65	29.81	37	61	43	47.0	S. W.	S. W'ly	N. W.	Variable	Variable	Clear		24th. Wind light S. W. in morning; mild and pleasant. Wind came to W., and then to N. W., in afternoon; gusty and blustering.
25	30.03	30.04	29.99	30	41	34	35.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
26	29.94	29.92	29.93	35	51	38	41.3	N. E'ly	N. W'ly	N. W.	Clear	Clear	Clear		
27	29.98	29.92	29.92	29	43	27	33.0	N. E.	S. E'ly	S. E'ly	Clear	Cloudy	Snow	0.20	27th. Began to snow moderately from 3 to 4 P. M.; wind light S. E'ly. Snow till night, nearly 2 inches.
28	29.94	29.93	29.75	25	42	29	32.0	E'ly	S. E'ly	S. W'ly	Cloudy	Cloudy	Cloudy		
29	29.32	29.13	29.46	30	40	30	33.3	S. E'ly	S. W.	N. E'ly	Snow	Cloudy	Cloudy		
30	29.32	29.27	29.39	30	44	34	36.0	N. W.	N. W.	N. W.	Cloudy	Variable	Variable		
31	29.46	29.42	29.47	27	43	32	34.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
Means	29.78	29.77	29.78	30.1	42.4	32.7	...	...	...	...	...	...	...	2.70	
REDUCED TO SEA LEVEL.															
Max.	30.38	30.36	30.33	38	61	43	47.0								
Min.	29.40	29.31	29.50	15	26	22	21.0								
Mean	29.96	29.95	29.96												
Range	0.98	1.05	0.83	23	35	21	26.0								
Mean of month			29.957	...	...	...	35.1								
Extreme range			1.07	...	...	...	46.0								

	Days.
S'ly & S. W'ly	4
W'ly & N. W'ly	7
N. E'ly & E'ly	20

	Days.
Clear	14
Variable	5
Cloudy	6
Rainy	6

April, 1838.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. At 6 A. M.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER	REMARKS.
1	29.48	29.38	29.38	28	44	35	35.7	N. W.	W'ly	N. W.	Clear	Clear	Clear		1st. Pleasant, but rather cool.
2	29.33	29.25	29.31	26	43	32	33.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		2d. Cool and blustering. 3d. Blustering; raw.
3	29.28	29.29	29.34	31	44	33	36.0	N. W.	N. W.	N. W.	Clear	Clear	Cloudy		4th. Pleasant day. 5th Very pleasant.
4	29.45	29.53	29.63	33	50	38	40.3	W'ly	N. W.	N. W.	Variable	Clear	Clear		6th. Very pleasant and warm. Wind in the evening fresh W'ly.
5	29.73	29.76	29.78	30	55	40	41.7	W'ly	N. W.	S. W.	Clear	Clear	Clear		7th. Wind N. E. Mild and pleasant.
6	29.77	29.63	29.68	34	67	54	51.7	S. W.	S. W.	W'ly	Glear	Clear	Variable		8th. Wind rather brisk and raw S. E'ly. Clear morning. Cloudy afternoon. Began to sprinkle about 6 P. M. Very moderate rain in evening.
7	29.82	29.84	29.90	40	51	35	42.0	N. E'ly	N. E.	N. E.	Variable	Clear	Clear		
8	29.92	29.89	29.71	30	54	42	42.0	N. E.	S. E'ly	S. E'ly	Clear	Clear	Rain	0.70	9th. Cloudy morning; wind W'ly. Clear and pleasant afternoon.
9	29.39	29.34	29.42	42	57	44	47.7	S. W'ly	W'ly	N. W.	Cloudy	Clear	Clear		10th. Cloudy morning. Clear afternoon. Wind blustering and cool.
10	29.43	29.41	29.58	44	45	38	42.3	W'ly	N. W.	N. W.	Cloudy	Variable	Clear		11th. Began to rain moderately from 9 to 10 A. M.; Wind light S. W'ly. Rain continued moderately during the day. Wind light E'ly in afternoon. Clouds broken in evening; wind light W'ly.
11	29.61	29.61	29.60	32	45	36	37.7	S. W.	E'ly	W'ly	Variable	Rain	Variable	0.20	
12	29.73	29.77	29.85	32	48	38	39.3	N'ly	N'ly	N. W.	Clear	Clear	Clear		12th. Pleasant; rather cool.
13	29.88	29.88	29.90	35	57	44	45.3	N'ly	S. W'ly	S. W'ly	Clear	Variable	Cloudy		13th Pleasant morning. Cloudy afternoon. Sprinkling of rain from 7 to 8 P. M.; clouds heavy.
14	29.88	29.71	29.85	32	32	29	31.0	N. E.	N'ly	N. W.	Snow	Snow	Clear	0.20	14th. Began to snow moderately from 4 to 6 A. M.; wind light N. E. Snow continued nearly all day, sometimes covering the ground and then melting. Cleared in the evening.
15	29.86	29.75	29.65	23	43	34	33.3	N. W.	W'ly	S. W'ly	Clear	Clear	Variable		
16	29.75	29.90	30.03	24	32	25	27.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		15th. Wind raw and blustering during the day. Ther. in the vicinity stood at 18° at sunrise.
17	30.10	30.03	29.90	23	44	33	33.3	N. W.	S'ly	S. W'ly	Clear	Variable	Rain	0.25	
18	29.64	29.53	29.41	37	52	55	48.0	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cl'dy, r'n	1.00	16th. Wind N. W.; very cold and blustering.
19	29.36	29.34	29.48	50	55	44	49.7	S. W.	W'ly	W'ly	Cloudy	Cloudy	Cloudy		17th Clear morning. Cloudy afternoon. Began to hail about 5 P. M. Rain in the evening.
20	29.72	29.76	29.87	30	42	30	34.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		18th. Cloudy all day, with wind S. W., with some dashes of rain. Wind heavy in the evening. Heavy rain during the night.
21	29.94	29.92	29.83	24	42	34	33.3	N. W.	N. W.	S. W.	Clear	Clear	Clear		
22	29.64	29.41	29.46	36	64	56	52.0	S. W'ly	S. W'ly	S. E'ly	Clear	Clear	Clear		19th. Wind light W'ly. Cloudy, with occasional sprinkling of rain.
23	29.67	29.71	29.81	32	47	38	39.0	N'ly	N. W.	N. W.	Clear	Clear	Cloudy		
24	29.88	29.89	29.89	26	40	28	31.3	N. E.	N. E.	S. W'ly	Cloudy	Cloudy	Clear		20th. Cool but pleasant.
25	29.94	29.91	29.93	27	51	36	38.0	N. W.	S. E'ly	S. W.	Clear	Clear	Clear		21st. Pleasant, though cold. The ground frozen hard in the morning.
26	29.83	29.71	29.57	38	44	42	41.3	S. W.	S. E'ly	S. E'ly	Cloudy	Rain	Cloudy	0.35	22d. Mild, pleasant day; warm for the season.
27	29.45	29.48	29.57	46	62	48	52.0	S. W.	S. W.	N. W.	Cloudy	Cloudy	Clear		23d. Pleasant, but cool.
28	29.64	29.60	29.55	48	57	50	51.7	N. W.	S. E.	S. E'ly	Variable	Cloudy	Cloudy		24th. Cloudy morning; wind light N. E. Wind S. W'ly towards night; raw and cold.
29	29.50	29.47	29.47	45	59	47	50.3	N. E'ly	E'ly	S'ly	Cloudy	Clear	Variable		25th. Wind light S'ly and S. W'ly the greater part of the day. Weather cool.
30	29.66	29.70	29.81	42	50	40	44.0	W'ly	W'ly	N. W.	Clear	Variable	Clear		26th. Wind light S. E'ly, with light rain and mist all day.
Means	29.67	29.65	29.67	34.3	49.2	39.3	...	...	...	...	...	...	...	2.70	27th and 28th. Cloudy for the most part. Winds light.
REDUCED TO SEA LEVEL.															29th. Wind light S. E'ly during the greater part of the day. Air raw, but not cold.
Max.	30.28	30.21	30.21	50	67	56	52.0								30th. Pleasant; wind fresh W'ly. Aurora borealis in the evening, shooting up towards the zenith with considerable brightness, notwithstanding the light of the moon.
Min.	29.46	29.43	29.49	23	32	25	27.0								
Mean	29.85	29.83	29.85												
Range	0.82	0.78	0.72	27	35	31	25.0								
Mean of month	29.843			...	...	...	40.8								
Extreme range	0.85			...	...	...	44.0								

	Days.
S'ly & S. W'ly	7
W'ly & N. W'ly	15
N. E'ly & E'ly	8

	Days.
Clear	16
Variable	5
Cloudy	3
Rainy	6

May, 1838.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.94	29.90	29.87	36	60	46	47.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		1st. Pleasant.
2	29.89	29.80	29.70	40	58	46	48.0	N. W.	S. W.	S. W.	Clear	Variable	Cloudy		2d. Clear morning. Cloudy afternoon.
3	29.42	29.50	29.62	42	42	38	40.7	E'ly	N. E.	N. W.	Rain	Cloudy	Clear	0.40	3d. Rain in morning; wind N.E'ly, brisk. Clouds broken in afternoon. Clear in the evening.
4	29.63	29.69	29.76	38	47	40	41.7	N. E'ly	N. E.	N. E.	Clear	Variable	Cloudy		4th. Wind fresh N. E. Cloudy for the most part. Air rather raw and cold.
5	29.63	29.56	29.36	37	44	48	43.0	N. E.	N. E.	S. E.	Rain	Rain	Rain	1.10	5th. Incessant rain during the day. Wind moderate N. E'ly. Late in the afternoon, wind hauled more E'ly, and increased. At sunset, high wind S. E., and very heavy rain in the evening.
6	29.42	29.55	29.61	48	57	46	50.3	S. W.	S. W.	S. W.	Variable	Clear	Variable		
7	29.55	29.58	29.61	44	62	47	51.0	S. W'ly	S. W'ly	S. W.	Clear	Clear	Clear		6th. Mild and pleasant.
8	29.58	29.54	29.51	47	64	50	43.7	W'ly	S. E'ly	S'ly	Clear	Clear	Cloudy		7th. Very pleasant.
9	29.51	29.52	29.53	44	56	46	48.7	W'ly	S. W'ly	W'ly	Cloudy	Variable	Var., r'n	0.30	8th. Pleasant. Air rather raw towards night. Light wind S'ly.
10	29.55	29.55	29.61	43	57	40	46.7	W'ly	S. W'ly	W'ly	Variable	Shower	Foggy	0.13	
11	29.62	29.62	29.63	37	57	44	46.0	N. W.	N. W.	N. W.	Clear	Variable	Clear		9th. Wind light W'ly and S. W'ly, with fine showers through the day.
12	29.61	29.56	29.50	43	63	52	52.7	W'ly	S. W.	S. W.	Clear	Clear	Clear		
13	29.52	29.54	29.71	46	65	48	53.0	N. W.	N. W.	N. E.	Clear	Clear	Clear		10th. Wind light W'ly and S. W'ly. Showers, with some hail.
14	29.85	29.86	29.94	44	64	46	51.3	N. E.	S. E'ly	S. W.	Clear	Clear	Clear		
15	29.94	29.93	29.91	44	71	55	56.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		11th. Pleasant. Alternate clouds and sunshine.
16	29.85	29.75	29.62	52	70	60	60.7	S. W.	S. W.	S. W.	Clear	Variable	R'n, sh'r		12th. Pleasant. Wind light S W. nearly all day.
17	29.57	29.57	29.57	58	72	60	63.3	S. W.	S. W.	S. E'ly	Cl'y, sh'r	Clear	Cloudy		13th. Very pleasant. Aurora in the evening, not very bright.
18	29.40	29.47	29.60	45	43	44	44.0	N. E.	N. E.	N. E.	Rain	Cloudy	Clear	0.50	14th. Very pleasant.
19	29.56	29.60	29.66	42	61	46	49.7	E'ly	S. E.	S. W.	Clear	Clear	Clear		15th. Very pleasant. Wind light S. W.
20	29.69	29.62	29.65	44	70	56	56.7	S. W'ly	S. W.	S. W.	Clear	Clear	Clear		16th. Clear morning; very pleasant; wind light S.W. Cloudy towards night; wind fresh. Began to sprinkle about 10 P. M.; wind heavy S W.
21	29.70	29.70	29.72	50	73	59	60.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		
22	29.73	29.72	29.74	58	67	63	62.7	S. W.	S. W.	S. W.	Cl'y, sh'r	Cloudy	Cloudy	0.15	17th. Showery in morning; wind light S. W. Clear afternoon. Cloudy evening; wind S. E'ly. Rain during the night.
23	29.78	29.79	29.71	57	73	60	63.3	S. W.	S. E.	S. E.	Cloudy	Clear	Rain	0.30	
24	29.59	29.55	29.53	60	73	60	64.3	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		18th. Moderate rain during the morning; wind fresh N. E. Cloudy afternoon.
25	29.52	29.42	29.41	57	59	54	56.7	N. W.	N. E.	S. W.	Cloudy	Cloudy	Clear		19th. Pleasant. Wind S. E'ly the greater part of the day.
26	29.50	29.54	29.58	45	64	47	52.0	W'ly	S. W.	S. W.	Clear	Variable	Clear		20th. Pleasant, with wind fresh at S. W.
27	29.57	29.56	29.56	48	70	52	56.7	N. W.	S'ly	S'ly	Clear	Variable	Clear		21st. Warm and pleasant.
28	29.51	29.51	29.56	52	70	53	58.3	W'ly	S. E'ly	S. W.	Clear	Clear	Clear		22d. Thundershower at about 4 A. M., equal 0.15 inch of water; wind fresh S. W. Cloudy, and air very damp all day.
29	29.62	29.66	29.69	50	67	56	57.7	W'ly	S. E'ly	S. W.	Clear	Variable	Clear		
30	29.71	29.70	29.69	53	66	55	58.0	N. E.	N. E.	N. E.	Clear	Clear	Clear		23d. Thick fog in the morning. Sun out at noon. Cloudy towards night. Began to rain from 5 to 6 P. M.; wind moderate S. E. Wind fresh, with rain, in the evening.
31	29.74	29.70	29.73	55	74	63	64.0	N. W.	N. W'ly	N. E.	Clear	Clear	Clear		
Means	29.63	29.63	29.64	47.0	62.5	50.9	...	...	...	...	...	...	...	3.88	24th. Wind light S. W., and cloudy all day. Light shower from 5 to 6 P. M.
REDUCED TO SEA LEVEL.															26th. Wind N. W'ly at sunrise; soon came to N. E., and then (in afternoon), to S. W'ly. Cloudy, with occasional light showers. Clear at 10 P. M.; wind S. W'ly, hauling to W.
Max.	30.12	30.11	30.12	60	74	63	64.0								
Min.	29.58	29.60	29.54	36	42	38	40.7								26th. Rather cool, but not unpleasant.
Mean	29.81	29.80	29.82												27th. Pleasant.
Range	0.54	0.51	1.58	24	32	25	23.3								28th, 29th, 30th, and 31st. Very pleasant.
Mean of month	29.810			...	...	...	53.5								
Extreme range	0.58			...	...	...	38.0								

	Days.
S'ly & S. W'ly	16
W'ly & N. W'ly	6
N. E'ly & E'ly	9

	Days.
Clear	17
Variable	4
Cloudy	3
Rainy	7

June, 1838.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.75	29.78	29.79	59	76	57	64.0	E'ly	S. E'ly	S. W.	Clear	Clear	Clear		1st. Pleasant.
2	29.69	29.74	29.72	59	73	61	64.3	S'ly	S. W'ly	W'ly	Cloudy	Clear	Clear		2d. Cloudy at sunrise; wind S'ly, with sprinkling of rain. From 10 to 11 A. M., cleared, with wind S. W'ly. Pleasant in afternoon.
3	29.73	29.74	29.74	60	75	64	66.3	N. W.	S. W.	S. W.	Clear	Variable	Clear		3d. Very pleasant.
4	29.70	29.66	29.61	60	75	61	65.3	S. W.	S. W.	S. W.	Clear	Clear	Foggy		4th. Pleasant. Cloudy towards night. Mist and fog in evening; wind light S. W.
5	29.25	29.20	29.27	60	66	58	61.3	S. E'ly	N. W'ly	N. W.	Rain	Rain	Clear	1.45	5th. Rain during the morning; ceased about noon. Cloudy in afternoon. Clear in evening.
6	29.35	29.42	29.44	58	76	60	64.3	W'ly	S. W.	S. W.	Clear	Clear	Cloudy		6th. Pleasant.
7	29.30	29.27	29.43	60	65	60	61.7	S. W.	S. W.	N. W.	Cloudy	Cloudy	Clear		7th. Cloudy through the day; wind S. W'ly. Cleared in the evening, with wind N. W.
8	29.55	29.58	29.78	60	75	64	66.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		8th. Very pleasant.
9	29.89	29.90	29.88	59	76	62	65.7	N. W.	S. W.	S. W.	Clear	Clear	Clear		9th. Pleasant.
10	29.84	29.81	29.76	64	91	75	76.7	W'ly	W'ly	S. W.	Clear	Clear	Clear		10th. Fine breeze from W'ly. Sun excessively burning. The warmest day since July 26, 1831. Thermometer 91°.
11	29.77	29.72	29.70	67	86	74	75.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		11th. Pleasant; very warm.
12	29.68	29.67	29.66	72	87	74	77.7	S. W'ly	S. W'ly	S. W.	Clear	Clear	Var., sh.	0.15	12th. Very warm. Wind fresh S. W'ly. Light thundershower about 6 P. M.
13	29.68	29.66	29.72	73	87	73	77.7	S. W'ly	S. W'ly	N. E.	Clear	Clear	Cloudy		13th. Very warm. At 6 P M., sprinkling of rain with thunder, and change of wind from S. W. to N. E.
14	29.74	29.73	29.74	71	83	72	75.3	S. W'ly	S. E'ly	S. W.	Clear	Clear	Clear	0.25	14th. Very warm. Wind fresh S'ly and S. E'ly. Copious shower, with some thunder, from 5 to 6 P. M.
15	29.79	29.77	29.80	72	87	71	76.7	S. W'ly	S. W'ly	S. W'ly	Clear	Clear	Clear		15th. Very warm, with wind fresh—sometimes approaching to high wind—from S. W'ly.
16	29.79	29.77	29.75	71	83	69	74.3	S. W'ly	S. W'ly	S. W.	Clear	Clear	Clear		16th. Pleasant.
17	29.70	29.65	29.59	68	81	68	72.3	S. W'ly	S. W'ly	S. W.	Clear	Clear	Shower	0.20	17th. Warm. Wind fresh S. W. Sun considerably obscured by clouds. Thundershower from 7 to 8 P. M. Clear at 10 P. M.
18	29.59	29.58	29.66	66	59	55	60.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		18th. Very cool, with wind brisk from N. E., and cloudy.
19	29.77	29.88	29.93	55	68	54	59.0	N. E.	N. E.	N. E'ly	Clear	Clear	Clear		19th, 20th, and 21st. Pleasant.
20	29.90	29.93	29.89	50	74	57	60.3	N. E.	S. E'ly	S. W'ly	Clear	Clear	Clear		22d. Pleasant in morning. Thunder from 2 to 3 P. M.
21	29.87	29.79	29.74	58	83	62	67.7	S. W.	S. W.	S. W'ly	Variable	Clear	Clear		23d. Pleasant.
22	29.69	29.65	29.67	66	83	66	71.7	S. W.	N'ly	N. W.	Variable	Shower	Clear	0.65	24th. Cloudy for the most part. Sprinkling of rain from 5 to 6 P. M.
23	29.74	29.75	29.74	64	76	65	68.3	N. E.	N. E.	S. W.	Clear	Clear	Cloudy		25th. Mist, with wind N. E., in morning. Clouds broken in afternoon. Thundershower from 7 to 8 P. M.
24	29.68	29.63	29.72	65	79	69	71.0	S. W.	S. W.	S. W.	Variable	Variable	Cloudy		26th. Pleasant. Aurora began from 9 to 10 P. M.; continued for more than an hour.
25	29.58	29.58	29.54	68	77	65	70.0	N. E.	E'ly	N. W.	Misty	Cloudy	Shower	0.60	27th. Pleasant.
26	29.58	28.58	29.70	64	76	64	68.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		28th. Wind S'ly. Moderate rain at intervals during the day.
27	29.83	29.83	29.84	59	77	65	67.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		29th and 30th. Pleasant.
28	29.79	29.63	29.55	66	70	67	67.7	S'ly	S. E'ly	N. W.	Cloudy	Rain	Clear		
29	29.55	...	...	70	...	...	70.0	W'ly	...	...	Clear	...	...		
30	...	...	29.85	...	...	64	64.0	...	...	N. E.	...	...	Cloudy		
Means	29.68	29.67	29.67	63.6	77.2	64.4	...	...	...	...	...	...	...	3.30	
REDUCED TO SEA LEVEL.															
Max.	30.08	30.11	30.07	73	91	75	77.7								
Min.	29.43	29.38	29.45	50	59	57	59.0								
Mean	29.86	29.84	29.85												
Range	0.65	0.73	0.62	23	32	18	18.7								
Mean of month		29.850		...	...	...	68.4								
Extreme range		0.73		...	...	...	41.0								

	Days.
S'ly & S. W'ly	16
W'ly & N. W'ly	7
N. E'ly & E'ly	7

	Days.
Clear	21
Variable	5
Cloudy	3
Rainy	1

July, 1838.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.83	29.82	29.78	66	75	69	70.0	S. E'ly	S. E'ly	S. E'ly	Misty	Cloudy	Cloudy		1st. Cloudy, with S. E'ly wind. Sprinkling of rain in afternoon.
2	29.78	29.73	29.71	69	85	72	75.3	S'ly	S. W.	S. W.	Clear	Variable	Clear		2d. Pleasant. 3d. Very warm; sun burning.
3	29.69	29.66	29.65	72	85	75	77.3	N. W'ly	N. W.	N. W.	Clear	Clear	Clear		4th. Clear, and very burning sun all day.
4	29.67	29.68	29.68	73	86	76	78.3	N. W.	S. W.	S. W.	Clear	Clear	Clear		5th. Burning sun in morning. Fresh breeze at 1 P. M., S.W. Ther. 92°, with sun obscured. Light thundershower from 10 to 11 P. M.
5	29.67	29.65	29.62	73	92	79	81.3	S. W.	S. W.	S. W.	Clear	Variable	Clear	0.05	6th. Very pleasant.
6	29.66	29.68	29.66	70	82	71	74.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		7th. Very pleasant. Fresh breeze N. W.
7	29.68	29.68	29.70	70	83	70	74.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		8th. Very pleasant.
8	29.77	29.77	29.72	65	80	69	71.3	N. E.	E'ly	S. E'ly	Clear	Clear	Clear		9th. Fresh breeze N. W'ly and W'ly; very hot.
9	29.65	29.59	29.57	73	93	81	82.3	S. W.	N. W.	W'ly	Clear	Clear	Clear		10th. Very warm. Wind light in morning. In afternoon, fresh breeze from S. E'ly.
10	29.58	29.59	29.59	76	88	74	79.3	N. W.	S. E'ly	S'ly	Variable	Clear	Variable		11th. Very hot, with fresh breeze from W'ly all day. Cumulus clouds in afternoon, but no rain.
11	29.56	29.50	29.51	77	93	83	84.3	S. W'ly	W'ly	W'ly	Clear	Clear	Clear		12th. Pleasant. Sun much obscured by clouds in morning.
12	29.55	29.63	29.74	76	85	73	78.0	N. W.	N. W.	N. W.	Cloudy	Variable	Cloudy		13th. Very light shower in morning. Clear in afternoon and evening. Wind light N. E.
13	29.78	29.79	29.93	65	83	66	71.3	N. E.	N. E.	N. E.	Rain	Cloudy	Clear		14th. Very pleasant.
14	29.98	29.96	29.92	65	82	72	73.0	N. E.	N. W.	S. W'ly	Clear	Clear	Clear		15th. Clear in morning. Sun mostly obscured in afternoon. Wind moderate S. W.
15	29.88	29.75	29.70	70	83	74	75.7	S. W.	S. W.	S. W.	Clear	Variable	Clear		16th. Clear in morning; sun very hot. Sun mostly obscured in afternoon, with sprinkling of rain from 3 to 5 o'clock. Clear in evening.
16	29.64	29.61	29.66	72	85	71	76.0	W'ly	W'ly	N. W.	Clear	Variable	Clear		17th. Very pleasant.
17	29.71	29.71	29.80	70	81	70	73.7	N'ly	N. E.	N. W.	Clear	Clear	Clear		18th. Clear in morning; wind moderate S. W. Cloudy in afternoon, with light showers.
18	29.85	29.80	29.75	65	83	69	72.3	S. W'ly	S. W.	S. W.	Foggy	Variable	Rain	0.18	19th. Very pleasant.
19	29.67	29.68	29.70	71	84	73	76.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		20th. Cloudy in morning. Sun out hot in middle of the day. Cloudy towards night, with wind rather brisk S.W. Light showers in evening, with thunder.
20	29.69	29.69	29.63	68	81	72	73.7	N. W.	S. W.	S. W.	Variable	Clear	Shower	0.05	21st. Very pleasant. Warm, but a fresh breeze from N. W.
21	29.49	29.50	29.67	70	84	65	73.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		22d. Cool, but very pleasant.
22	29.79	29.80	29.84	62	76	65	67.7	N. W.	N. W.	N'ly	Clear	Variable	Clear		23d. Pleasant. Sun much obscured by clouds.
23	29.86	29.88	29.88	58	76	65	66.3	N'ly	N. E.	N'ly	Variable	Variable	Clear		24th. Variable in morning. Clear awhile about noon. Cloudy, with fresh S. W. wind, towards night and in evening.
24	29.88	29.82	29.78	62	78	67	69.0	N'ly	S. W.	S. W.	Variable	Clear	Cloudy		25th. Fine showers in the morning. Cloudy all day. Wind light S. W.
25	29.74	29.66	29.64	66	75	72	71.0	S. W.	S. W.	S. W.	Rain	Cloudy	Cloudy	0.18	26th. Clear in morning. Cloudy for most part in afternoon. Began to rain from 8 to 9 P. M., with very light S. W'ly wind.
26	29.64	29.66	29.66	70	82	67	73.0	S. W.	S. W.	S. W.	Clear	Cloudy	Rain	0.20	27th and 28th. Pleasant.
27	29.67	29.69	29.77	65	80	69	71.3	S. W.	E'ly	S'ly	Clear	Clear	Clear		29th. Excessively hot. Wind W'ly, rather fresh at mid-day. Ther. 96° in the shade at 2½ P. M. Very light shower from 5 to 6 P. M.
28	29.77	29.66	29.59	70	87	75	77.3	W'ly	S. W.	W'ly	Clear	Clear	Clear		30th. Pleasant. Fresh breeze from W'ly during the afternoon and evening.
29	29.59	29.53	29.50	76	94	80	83.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		31st. Very pleasant.
30	29.56	29.57	29.60	77	92	77	82.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		
31	29.62	29.63	29.60	70	81	69	73.3	W'ly	W'ly	W.	Clear	Clear	Clear		
Means	29.70	29.69	29.70	69.4	83.7	71.9	...	...	...	...	...	...	...	0.63	
REDUCED TO SEA LEVEL.															
Max.	30.16	30.14	30.11	77	96	83	84.3								
Min.	29.67	29.68	29.68	58	75	65	66.3								
Mean	29.87	29.86	29.87												
Range	0.49	0.46	0.43	19	21	18	18.0								
Mean of month		29.867		...	...	...	75.0								
Extreme range		0.49		...	...	...	36.0								

	Days.
S'ly & S. W'ly	10
W'ly & N. W'ly	16
N. E'ly & E'ly	5

	Days.
Clear	21
Variable	7
Cloudy	2
Rainy	1

August, 1838.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.58	29.54	29.59	72	86	74	77.3	S. W.	W'ly	W'ly	Variable	Clear	Clear		1st. Very pleasant.
2	29.73	29.73	29.81	65	78	68	70.3	N. E'ly	N'ly	N. W.	Variable	Variable	Clear		2d. Sun a good deal obscured by clouds. Weather pleasant.
3	29.88	29.91	29.94	63	78	67	69.3	N. E'ly	N. E.	S. W.	Variable	Clear	Clear		3d. Wind N'ly and N. E'ly. Sun much obscured during morning. Clear at intervals in afternoon. Light shower from 5 to 6 P. M.
4	29.98	29.92	29.86	65	84	75	74.7	N. W'ly	W'ly	N. W.	Clear	Clear	Clear		4th. Pleasant.
5	29.82	29.64	29.68	72	92	77	80.3	W'ly	W'ly	S. W.	Clear	Clear	Cloudy		5th. Very burning sun in morning. Sun much obscured after 4 P. M., with fresh breeze from S.W. Cloudy, and wind fresh, in evening.
6	29.58	29.55	29.61	74	94	69	79.0	S. W.	W'ly	N. E'ly	Cloudy	Cl'r, sh.	Cloudy	0.90	6th. Clear for the most part, and very hot, in morning. Heavy dash of rain, with a gust of wind from W'ly, at 3 P. M. Heavy thundershower from 4 to 5 P. M., from E'ly, equal 0.90 inch of water.
7	29.64	29.63	29.67	69	83	74	75.3	S. E'ly	S. W.	S. W.	Cloudy	Clear	Clear		7th. Pleasant.
8	29.84	29.88	29.90	70	82	70	74.0	N. E'ly	N. E'ly	S. W.	Clear	Clear	Clear		8th Pleasant. Wind N. E'ly and S. W'ly, P. M.
9	29.90	29.87	29.82	67	78	71	72.0	S. W.	S. W.	S. W.	Cloudy	Clear	Cloudy		9th. Cloudy morning. Clear from 9 A. M. to 1 or 2 P. M.; then cloudy, with wind fresh at S. W. Sprinkling of rain in evening.
10	29.78	29.78	29.79	70	73	66	69.7	S. W.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		10th. Cloudy all day. Wind S. W. early; from 9 to 10 A. M., came to N.E.
11	29.80	29.71	29.63	65	74	70	69.7	N. E.	S. W.	S. W.	Cloudy	Cloudy	Rain	0.10	11th. Cloudy all day. Wind N. E. in morning, S. W. in afternoon. Began to rain moderately at 9 P. M
12	29.52	29.56	29.66	70	83	70	74.3	S. W.	W'ly	N. W.	Clear	Clear	Clear		12th and 13th. Very pleasant.
13	29.75	29.76	29.81	65	82	68	71.8	N. W.	N. W.	N. W.	Clear	Clear	Clear		14th. Cool and pleasant.
14	29.92	29.98	29.98	58	72	61	63.7	N. E'ly	N. E'ly	N. E'ly	Clear	Clear	Clear		15th. Pleasant.
15	29.99	29.93	29.88	58	80	66	68.0	N. W.	S. W.	S. W.	Clear	Clear	Cloudy		16th. Cloudy all day, with occasional dashes of rain. Wind S. W. A. M.; S. E'ly P. M., increasing.
16	29.81	29.75	29.51	63	71	70	68.0	S. W.	S. W.	S. E.	Cloudy	Cloudy	Rain		17th. Very pleasant.
17	29.36	29.37	29.54	70	80	66	72.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		18th, 19th, 20th, and 21st. Pleasant.
18	39.58	29.67	...	61	79	72	70.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		22d Pleasant. Aurora in the evening, not very bright.
19	...	...	...	62	75	64	67.0	W'ly	W'ly	N. W'ly	Clear	Clear	Clear		23d. Pleasant.
20	...	...	...	59	74	63	65.3	W'ly	W'ly	W'ly	Variable	Clear	Clear		24th. Cloudy in morning. Sun frequently obscured during the day. Very hot.
21	...	...	29.95	66	80	71	72.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		25th. Clear and very hot till 4 to 5 P. M., when there was a gust of wind and heavy clouds from the N. W. and N., which was soon followed by very heavy rain with thunder and lightning, continued, with short intervals, till 11 P. M.; amount, 2.05 inches.
22	29.94	29.93	29.97	69	83	71	74.3	S. W'ly	S. E.	S'ly	Clear	Clear	Clear		26th. Pleasant.
23	29.97	29.92	29.89	67	85	72	74.7	S. W'ly	S. W.	S'ly	Variable	Clear	Clear		27th. Cool. Clear in morning. Cloudy, and sprinkling of rain in afternoon.
24	29.69	29.75	29.71	72	88	78	79.3	S. W.	S. W.	W'ly	Cloudy	Clear	Variable		28th and 29th. Pleasant.
25	29.68	29.61	29.56	72	91	68	67.0	W'ly	S. W.	W'ly	Clear	Clear	Rain	2.05	30th. Pleasant in morning. Violent thundergust and heavy rain from 3½ to 5 P. M. A whirlwind passed the S. W. side of the city at 3½ P. M., of such violence as to unroof and demolish buildings.
26	29.47	29.49	29.67	67	74	56	65.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		31st. Very pleasant, but cool.
27	29.70	29.70	29.60	49	67	59	68.3	N. W.	N. W.	N. W.	Clear	Variable	Cloudy		
28	29.49	29.51	29.68	57	75	64	65.3	N. W.	N. W.	N. W.	Variable	Clear	Clear		
29	29.81	29.85	29.88	54	74	64	64.0	N. W.	N. W.	S. W.	Clear	Clear	Clear		
30	29.85	29.84	...	64	78	...	71.0	S. W.	S. W.	...	Variable	Clear	Rain		
31	...	...	29.74	...	...	60	60.0	...	...	N. W.	...	...	Clear	0.50	
Means	29.74	29.73	29.75	65.2	79.8	68.1	...	...	...	...	...	...	...	3.55	
REDUCED TO SEA LEVEL.															
Max.	30.17	30.16	30.16	74	94	78	79.3								
Min.	29.54	29.55	29.69	49	67	56	58.3								
Mean	29.91	29.90	29.92												
Range	0.63	0.61	0.47	25	27	22	21.0								
Mean of month			29.910	...	...	...	71.0								
Extreme range			0.63	...	...	...	45.0								

	Days.
S'ly & S. W'ly	11
W'ly & N. W'ly	15
N. E'ly & E'ly	5

	Days.
Clear	22
Variable	6
Cloudy	3
Rainy	4

September, 1838.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.45	29.43	29.49	58	75	67	66.7	W'ly	S. W.	S. W.	Rain	Clear	Clear	0.30	1st. Showers in the morning. Cleared from 9 to 10 A. M.
2	29.64	29.72	29.89	58	65	52	58.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		2d. Cool, but pleasant.
3	30.00	29.96	30.00	44	63	50	52.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		3d, 4th, 5th, 6th, 7th, 8th, 9th, & 10th. Pleasant.
4	30.01	30.00	30.00	44	66	56	55.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		11th. Weather variable, but mild.
5	29.96	29.93	29.93	52	76	70	66.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		12th. Wind fresh N. E. Moderate rain all day. Heavy rain in the night, with light wind.
6	30.03	30.02	30.02	63	76	62	67.0	W'ly	N. W'ly	N. W.	Clear	Clear	Clear		13th. Very heavy rain in the morning; wind N. E. Rain ceased from 8 to 9 A. M. Cleared from 10 to 12 A. M. Clear in afternoon. Diffused aurora in the evening; pretty bright.
7	29.96	29.92	29.89	60	80	69	69.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		14th. Pleasant. Aurora visible through the night, sometimes shooting up towards the zenith with considerable brightness.
8	30.03	30.03	30.05	59	70	54	61.0	N. E.	N. E.	N. E.	Clear	Clear	Clear		15th. Pleasant.
9	30.04	29.99	29.96	54	71	58	61.0	N. E.	N. E.	S. W.	Variable	Clear	Clear		16th. Cool, but pleasant.
10	29.93	29.83	29.81	56	76	66	66.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		17th. Cloudy. Wind moderate N. E., with occasional sprinkling of rain.
11	29.75	29.72	29.75	66	78	66	70.0	S. W.	S. W.	N. E.	Clear	Variable	Variable		18th. Cloudy. Wind moderate N. E. Cleared from 5 to 7 P. M.
12	29.74	29.73	29.61	54	57	56	55.7	N. E.	N. E.	N. E.	Rain	Misty	Rain	3.20	19th. Very pleasant.
13	29.17	29.46	29.84	59	67	58	61.3	N'ly	N. W.	N. W.	Rain	Clear	Clear		20th. Very pleasant. Faint aurora in the evening.
14	29.87	29.96	29.93	56	73	60	63.0	W'ly	W'ly	N. W.	Clear	Clear	Clear		21st. Cloudy in morning, with wind light S. W., and occasional sprinkling of rain. Began raining gently from 1 to 2 P. M., and continued so for the greater part of the afternoon and evening. Showery during the night.
15	29.93	29.91	29.98	55	73	60	62.7	N'ly	N. E.	N. E.	Clear	Clear	Variable		22d. Cloudy, with some mist, in the morning. Cloudy, with wind fresh S. W'ly, in the afternoon.
16	29.98	29.99	29.95	55	63	50	56.0	N. E.	N. E.	N. E.	Clear	Clear	Cloudy		23d. Showery in morning; wind moderate W'ly. Steady rain in afternoon. Cleared from 8 to 9 P. M.
17	29.80	29.74	29.66	53	58	58	56.3	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		24th and 25th. Pleasant.
18	29.56	29.49	29.47	58	71	63	64.0	N. E.	N. E.	N. W.	Cl'dy,fog	Cloudy	Variable		26th. Wind light N. E all day. Misty and wet in morning. Moderate rain in afternoon. Heavy rain at night.
19	29.44	29.49	29.65	60	69	55	61.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		27th. Wind light N. E'ly all day. Weather mild and cloudy.
20	29.81	29.81	29.85	48	68	56	57.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		28th. Weather mild and cloudy. Wind light N. E. in morning; S'ly in afternoon. Rain during the night.
21	29.90	29.89	29.87	57	67	67	63.7	S. W.	S. W.	S. W.	Cloudy	Cloudy	Rain	0.55	29th. Moderate rain during the greater part of the day, with wind light S'ly. From 5 to 6 P. M., wind came to N. W'ly.
22	29.79	29.77	29.73	67	73	68	69.3	S. W'ly	S. W'ly	S. W'ly	Cloudy	Cloudy	Cloudy		30th. Very pleasant.
23	29.60	29.53	29.63	68	68	50	62.0	S. W'ly	W'ly	N. W.	Misty	Rain	Clear	0.38	
24	29.80	29.83	29.92	44	67	52	54.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		
25	30.00	30.10	30.18	47	69	58	58.0	S. W'ly	S. W'ly	S. W.	Clear	Clear	Variable		
26	30.24	30.25	30.15	52	60	56	56.0	N. E.	N. E.	N. E.	Cloudy	Rain	Rain	1.43	
27	29.99	29.97	29.96	59	62	58	59.7	N. E.	N. E'ly	N. E'ly	Misty	Cloudy	Cloudy		
28	29.94	29.90	29.83	57	67	62	62.0	N. E.	N. E.	S. W.	Cloudy	Cloudy	Cloudy		
29	29.71	29.63	29.57	62	67	61	63.3	S'ly	S'ly	N. W'ly	Rain	Rain	Cloudy	0.90	
30	29.70	29.69	29.75	56	71	59	62.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
Means	29.82	29.82	29.84	58.0	68.9	59.0	...	...	...	...	...	...	...	6.76	
REDUCED TO SEA LEVEL.															
Max.	30.42	30.43	30.36	68	80	70	70.0								
Min.	29.35	29.61	29.65	44	57	50	52.3								
Mean	30.00	29.99	30.02												
Range	1.07	0.82	0.71	24	23	20	17.7								
Mean of month			30.003	...	...	...	61.4								
Extreme range			1.08	...	...	...	36.0								

	Days.
S'ly & S. W'ly	7
W'ly & N. W'ly	12
N. E'ly & E'ly	11

	Days.
Clear	17
Variable	1
Cloudy	5
Rainy	7

October, 1838.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.82	29.83	29.82	54	73	62	63.0	N. W'ly	W'ly	S'ly	Clear	Clear	Clear		1st and 2d Very pleasant.
2	29.84	29.78	29.72	54	72	60	62.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		3d. Variable till 3¼ or 4 P. M., when the wind changed from W'ly to N. W., with a shower, and soon cleared.
3	29.59	29.54	29.69	60	69	48	59.0	S. W.	W'ly	N. W.	Variable	Variable	Clear		
4	29.84	29.81	29.80	42	59	50	50.3	N. W.	N. W.	S. W.	Clear	Clear	Clear		4th. Very pleasant. 5th. Pleasant.
5	29.70	29.65	29.66	54	68	58	60.0	S. W.	W'ly	W'ly	Clear	Clear	Clear		6th. Pleasant in the morning. Wind very fresh S. W. in the afternoon.
6	29.61	29.48	29.47	56	69	61	62.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		7th. Rain till 9 A. M.; wind N. W'ly. Cleared from 11 to 12 A. M. Clear and cool in afternoon.
7	29.51	29.69	29.83	53	55	42	50.0	N. W'ly	N. W.	N. E.	Rain	Clear	Clear	0.40	8th. Pleasant.
8	29.81	29.71	29.70	36	51	37	41.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		9th. First white frost in the College yard, rather light. Pleasant day.
9	29.65	29.64	29.65	33	56	46	45.0	N. W.	N. W.	S. W'ly	Clear	Clear	Clear		10th. Variable in morning; wind light N. E. Cloudy in afternoon; wind increasing. Began to rain moderately from 5 to 6 P. M.
10	29.64	29.57	29.43	42	52	46	46.7	N. E'ly	N. E'ly	N. E.	Clear	Cloudy	Rain	0.10	11th. Variable in morning. Cloudy and dashes of rain in afternoon. Clear in evening.
11	29.28	29.30	29.56	50	56	46	50.7	S. W'ly	S. W'ly	S. W'ly	Cloudy	Cloudy	Clear		12th. Variable in morning. Cloudy in afternoon. Began to rain moderately at 4 P. M.; heavy rain from 5 to 6 P. M. Partially clear in evening.
12	29.66	29.60	29.50	45	59	46	50.0	S. W'ly	S. W'ly	W'ly	Variable	Cloudy	Rain	0.40	13th. Pleasant. 14th. Wind rather fresh S. W.
13	...	...	29.72	...	...	37	37.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		15th. Wind light S. W.; moderate rain at intervals. Cleared from 9 to 10 P. M.
14	29.69	29.60	29.60	38	61	57	52.0	S. W.	S. W.	S. W.	Variable	Variable	Cloudy		16th. Pleasant. Aurora in the evening—not brilliant.
15	29.44	29.39	29.50	57	64	54	61.7	S. W.	S. W.	S'ly	Foggy	Rain	Clear	0.15	17th. Pleasant.
16	29.74	29.80	29.92	42	55	42	46.3	N. W.	W'ly	N. W.	Clear	Clear	Clear		18th. Pleasant; light frost in morning.
17	30.01	30.02	30.15	39	53	40	44.0	N. W'ly	N. W.	N. W.	Clear	Clear	Clear		19th. Wind N. E. in morning; cloudy with sprinkling. Wind more E'ly towards noon, with moderate rain. Wind came to S. E'ly towards night; rain increasing; heavy in the evening.
18	30.16	30.10	30.06	33	53	43	43.0	N. W.	N. W.	W'ly	Clear	Clear	Clear		20th. Pleasant.
19	30.04	29.91	29.61	40	46	51	45.7	N. E'ly	N. E'ly	S. E'ly	Cloudy	Rain	Rain	1.73	21st. Wind light N. W. Cloudy a large part of the day.
20	29.49	29.51	29.58	44	55	46	48.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		22d. Wind light N. W. Sun much obscured by clouds.
21	29.61	29.61	29.63	40	52	46	46.0	N. W.	N. W.	N. W.	Clear	Variable	Cloudy		23d. Pleasant.
22	29.71	29.73	29.86	46	49	38	44.3	N. W'ly	N. W.	N. W.	Clear	Cloudy	Clear		24th. Moderate rain all day. Commenced from 6 to 7 A. M., with wind S. W'ly, which came to N. E., and continued light all day. Cleared from 10 to 11 P. M.; wind N. W.
23	29.92	29.98	29.96	34	53	44	43.7	N. W.	N. W.	W'ly	Clear	Clear	Clear		25th. Variable. Heavy clouds from the west, with thunder and sprinkling of rain at sunset.
24	29.82	29.53	29.36	42	46	41	43.0	S. W'ly	N. E.	N. E.	Rain	Rain	Rain	0.95	26th. Pleasant.
25	29.42	29.43	29.47	41	48	43	44.0	N. W.	W'ly	W'ly	Variable	Variable	Clear		27th. Variable in morning; wind S. E'ly and S'ly, with light showers from 11 A. M. to 1 P. M. From 1½ to 2 P. M., heavy gusts of wind, with copious rain, hail of the size of buckshots, and some thunder. Clear in the evening.
26	29.66	29.71	29.80	38	52	39	43.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		28th. Variable in morning. Rain—wind light N. E.—afternoon and evening.
27	29.76	29.53	29.73	35	51	39	41.7	S. E'ly	W'ly	W'ly	Variable	Rain	Clear	0.16	29th and 30th. Pleasant.
28	29.70	29.61	29.42	34	46	33	37.7	S. W.	S. W.	N. E.	Variable	Variable	Rain	0.72	31st. Cloudy at sunrise, the ground white with snow just fallen. Variable and raw during day.
29	29.44	29.49	29.72	33	43	31	35.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
30	29.78	29.77	29.77	30	44	36	36.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
31	29.73	29.71	29.97	30	47	28	35.0	N. W.	N. W.	N. W.	Cloudy	Cloudy	Variable		
Means	29.70	29.67	29.70	42.5	55.2	44.9	...	...	...	...	...	...	...	4.61	
REDUCED TO SEA LEVEL.															
Max.	30.34	30.28	30.33	60	73	62	63.0								
Min.	29.46	29.48	29.60	30	43	28	35.0								
Mean	29.88	29.84	29.88												
Range	1.88	1.80	1.73	30	30	34	28.0								
Mean of month			29.867	...	...	...	47.5								
Extreme range			1.88	...	...	...	45.0								

	Days.
S'ly & S. W'ly	7
W'ly & N. W'ly	21
N. E'ly & E'ly	3

	Days.
Clear	17
Variable	4
Cloudy	2
Rainy	8

November, 1838.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.10	30.03	29.81	19	33	30	27.3	N. W.	N. W.	S'ly	Clear	Clear	Snow		1st. Clear and cold during the day. Cloudy in the evening, with wind S. W'ly. Halo round the moon from 6 to 7 P. M. Snow and hail about 10 P. M. for a short time.
2	29.71	29.74	29.83	34	49	38	40.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		
3	29.86	29.88	29.88	36	52	43	43.7	W'ly	S. W'ly	S. W'ly	Clear	Clear	Clear		2d and 3d. Pleasant.
4	29.77	29.68	29.67	51	57	53	53.7	S. W'ly	S. W'ly	S. W.	Cloudy	Rain	Rain	1.95	4th. Cloudy in morning. Rain in afternoon; wind light S. W'ly.
5	29.52	29.37	29.20	53	56	52	53.7	S. W.	S. E.	N. E.	Rain	Rain	Rain		
6	29.34	29.51	29.92	47	46	30	41.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		5th. Moderate rain, with hardly any intermission, all day. At sunrise, wind light S. W.; then came to S. E., to E., and N. E.
7	30.01	30.06	29.99	28	44	40	37.3	W'ly	S'ly	S. E'ly	Clear	Cloudy	Cloudy		
8	29.73	29.57	29.46	56	61	61	59.3	S. E.	S. W.	S'ly	Rain	Rain	Cloudy	1.10	6th. Blustering.
9	29.51	29.60	29.84	42	45	28	38.3	N. W.	N. W.	N. W.	Variable	Variable	Clear		7th. Clear at sunrise. Variable in morning. Cloudy in afternoon and evening.
10	30.21	30.29	30.47	22	33	24	26.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		8th. Rain the greater part of the day. Wind heavy at nearly S.
11	30.59	30.57	30.50	21	34	30	28.3	N. W.	N. W.	N. E.	Clear	Clear	Clear		9th. Weather variable.
12	30.34	30.25	30.16	25	41	34	33.3	N. W.	S. W'ly	S. W.	Clear	Clear	Clear		10th. Very clear. Wind cold and rather brisk from N. W.
13	30.01	29.93	29.87	37	53	54	48.0	S. W.	S. W.	S. W.	Variable	Cloudy	Rain	0.10	11th. Very clear at sunrise; ther. 21°; barom. 30.64. Cirrus clouds A. M. Bar. 30.67 at 10 A. M. Wind light N. E, P. M.; hazy and cirrus clouds in various directions. Barom. extraordinarily high.
14	29.93	29.90	29.99	52	63	48	54.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		
15	30.02	29.91	29.84	42	45	45	44.0	N. E.	N. E.	N. E.	Cloudy	Rain	Rain	0.35	12th. Very pleasant. Aurora in evening, not very bright. Wind light S. W'ly. Clouds lying round the N. and N. E.
16	29.66	29.53	29.85	45	61	36	47.3	S. W.	S. W.	N. W.	Cloudy	Cloudy	Cloudy		
17	29.93	29.95	30.03	30	39	28	32.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		13th. Wind light S. W. all day; air damp; clouds watery. Began to rain moderately from 8 to 9 P. M.
18	30.06	29.93	29.61	25	39	32	32.0	N. E.	N. E.	N. E.	Clear	Cloudy	R'n & sn.	0.15	14th. Clear and pleasant. Aurora, not bright.
19	29.67	29.76	29.85	30	35	25	30.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		15th. Cloudy A. M.; wind light N. E. Moderate rain in afternoon and evening.
20	29.82	29.78	29.75	24	35	31	30.0	N. W.	N. W.	S. W.	Clear	Clear	Variable		16th. Cloudy, with occasional light rain, during the day. Clear evening, with change of wind from S. W. to N. W.
21	29.85	29.88	29.74	28	35	35	32.7	N. W.	N. W.	W'ly	Clear	Clear	Clear		17th. Clear and pleasant.
22	29.68	29.61	29.73	35	43	34	37.3	W'ly	S. W.	S. W.	Variable	Variable	Clear		18th. Clear at sunrise; wind light N. E. Clouded up before noon. Began to snow from 4 to 5 P. M.; turned to rain from 9 to 10 P. M.; wind more E'ly.
23	29.74	29.68	29.76	33	41	33	35.7	S. W.	S. W.	S. W.	Cloudy	Clear	Variable		19th. Snow an inch deep. Clear and pleasant, though cool.
24	29.79	29.79	29.96	22	27	8	19.0	N'ly	N. W'ly	N. W.	Cloudy	Clear	Clear		20th. Clear A. M. Variable P. M. 21st. Clear.
25	29.96	29.89	29.89	4	17	12	11.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		22d. Wind S. W'ly. Air raw; cloudy for the most part. Evening clear and pleasant.
26	29.89	29.88	29.94	6	20	14	13.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		23d. Pleasant.
27	29.87	29.77	29.74	16	32	30	26.0	S. W'ly	S. W'ly	W'ly	Variable	Cloudy	Cloudy		24th. Cloudy; wind N'ly. Cleared A. M.; wind came more to N. W.: light all day. Cold increased fast towards night and in the evening.
28	29.70	29.65	29.80	32	38	22	30.7	S. W'ly	N. W'ly	N. W.	Cloudy	Clear	Clear		25th. Wind moderate N. W. Clear; very cold.
29	29.92	29.75	29.72	12	24	26	20.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		26th. Wind moderate N. W. Cold severe.
30	29.72	29.75	29.77	22	39	30	30.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		27th. Cloudy for the most part; air raw. Flurry of snow from 8 to 9 P. M.
Means	29.86	29.83	29.88	31.0	41.2	33.5	...	...	...	...	...	...	...	3.65	28th. Cloudy A. M. Clear P. M. Pleasant.
REDUCED TO SEA LEVEL.															29th. Cold A. M. More mild and pleasant P. M.
Max.	30.77	30.75	30.68	56	63	61	59.3								30th. Pleasant.
Min.	29.52	29.55	29.38	4	17	8	11.0								
Mean	30.04	30.01	30.06												
Range	1.25	1.20	1.30	52	46	53	48.3								
Mean of month			30.037	...	...	...	35.3								
Extreme range			1.39	...	...	...	59.0								

	Days.
S'ly & S. W'ly	9
W'ly & N. W'ly	17
N. E'ly & E'ly	4

	Days.
Clear	18
Variable	3
Cloudy	3
Rainy	6

December, 1838.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.59	29.49	29.43	21	39	40	33.3	W'ly	S. W.	S. W.	Variable	Variable	Cloudy		1st. Weather mild.
2	29.50	29.34	29.40	32	47	36	38.3	W'ly	W'ly	W'ly	Clear	Clear	Variable		2d. Clear A. M. Variable P. M. Weather mild.
3	29.74	29.82	30.02	26	33	22	27.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		3d. Pleasant.
4	30.06	30.08	30.01	15	34	30	26.3	N. W.	N. E.	N. E.	Clear	Cloudy	Clear		4th. Clear A. M. Cloudy towards night. Weather mild.
5	29.78	29.63	29.33	33	41	44	39.3	N. E.	S'ly	S. W'ly	Foggy	Misty	Cloudy		5th. Heavy fog, with some mist. 6th. Fine.
6	29.49	29.53	29.57	34	34	22	30.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		7th. Fine. An unusual number of shooting stars in the evening; thirty were observed in the space of half an hour.
7	29.59	29.53	29.62	18	37	34	29.7	N. W.	S. W'ly	S. W.	Clear	Clear	Clear		
8	29.38	29.29	29.50	34	37	28	33.0	S. W.	W'ly	N. W.	Variable	Rain	Clear	0.30	8th. Variable at sunrise; wind fresh S. W. Began to rain from 11 to 12 A. M.; wind increasing and hauling to W. Rain ceased from 2 to 3 P. M. Clear evening; wind N. W., fresh.
9	29.81	29.86	29.96	18	22	19	19.7	N. W.	N. W.	N. W.	Clear	Clear	Cloudy		
10	30.01	29.96	29.93	14	24	20	19.3	N. W.	W'ly	W'ly	Clear	Clear	Cloudy		
11	29.88	29.80	29.61	18	32	36	28.7	N. W.	W'ly	S. W.	Clear	Cloudy	Clear		9th. Clear, with the wind brisk and cutting from N. W. Cloudy evening.
12	29.48	29.49	29.97	32	36	15	27.7	S. W'ly	W'ly	N. W.	Clear	Clear	Clear		10th. Clear for the most part; cold. Cloudy evening.
13	30.18	30.18	30.12	8	22	20	16.7	N. W.	S. W'ly	W'ly	Clear	Clear	Clear		11th. Pleasant. Temperature rising all day.
14	29.97	29.84	29.71	32	43	36	37.0	S. W'ly	S. W'ly	W'ly	Variable	Clear	Clear		12th. Mild A. M.; wind S. W'ly. Wind came to N. W., with heavy gust from 3 to 5 P. M. Thermometer fell rapidly, and barometer rose rapidly.
15	29.62	29.62	29.74	31	45	34	36.7	S. W'ly	S. W'ly	S. W.	Clear	Clear	Clear		13th. Clear. Wind light S. W'ly.
16	29.94	30.00	30.03	24	22	13	19.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		14th. Mild and pleasant.
17	30.00	29.94	29.78	8	27	26	20.3	N. W.	S. W'ly	S. W.	Clear	Variable	Cloudy		15th. Very mild and pleasant.
18	29.48	29.43	29.45	36	45	34	38.3	S. W.	S. W.	W'ly	Cloudy	Clear	Clear		16th. Pleasant, though cold.
19	29.49	29.54	29.61	30	38	25	31.0	S. W.	N. W'ly	N'ly	Variable	Variable	Cloudy		17th. Pleasant A. M. Cloudy towards night. Light fall of snow, commencing at 10 P. M.
20	29.62	29.65	29.59	22	24	16	20.7	N'ly	N. W.	N. W.	Variable	Variable	Clear		
21	29.42	29.37	29.40	26	32	26	28.0	S. W'ly	W'ly	W'ly	Variable	Variable	Clear		18th. Cloudy at sunrise; cleared before noon. Clear P. M. Ground covered with snow, which disappeared A. M.
22	29.37	29.25	29.31	26	39	32	32.3	N. E'ly	S. E.	W'ly	Snow	Cloudy	Clear	0.15	
23	29.17	29.08	29.22	26	35	18	26.3	S. E'ly	W'ly	W'ly	Variable	Variable	Clear		19th. Wind light. Weather mild.
24	29.56	29.74	30.01	8	11	11	10.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		20th. Wind light. Sun much obscured by clouds.
25	30.02	29.94	29.85	13	29	29	20.3	S. W'ly	S. W'ly	W'ly	Clear	Clear	Clear		21st. Wind light W'ly. Weather mild. Sun considerably obscured by clouds.
26	29.76	29.75	29.86	27	33	14	24.7	W'ly	W'ly	N. W.	Cloudy	Variable	Clear		
27	29.93	29.91	29.97	10	26	18	18.0	N. W.	W'ly	W'ly	Clear	Clear	Variable		22d. Began to snow moderately from 5 to 6 A. M. Wind light N. E. Wind hauled to S. E'ly, and snow ceased, before 10 A. M. Wind W'ly, and cloudy, P. M.
28	30.17	30.12	29.99	10	22	17	16.3	N. W.	N. W.	S. W'ly	Clear	Clear	Clear		
29	29.39	29.05	29.45	31	38	20	29.7	S. E.	W'ly	N. W.	Snow	Cloudy	Clear	0.63	23d. Variable at sunrise; wind very light S. E'ly. Snowed fast from 9 to 10 A. M. Cloudy P. M.; wind W'ly; blustering. Very blustering evening; cold.
30	29.81	29.93	30.08	8	17	9	11.3	N. W.	W'ly	W'ly	Clear	Clear	Clear		24th. Clear and cold; piercing wind.
31	30.29	30.36	30.54	10	23	13	15.3	N. W.	W'ly	W'ly	Clear	Clear	Clear		25th. Very pleasant.
Means	29.72	29.70	29.74	22.0	31.8	24.4	...	...	...	...	...	...	...	1.08	26th. Pleasant. Wind light W'ly. Sun considerably obscured by clouds. 27th. Pleasant.
REDUCED TO SEA LEVEL.															28th. Pleasant. A bright fog bow around the moon all the evening.
Max.	30.47	30.54	30.72	36	47	44	39.3								29th. At sunrise, snow 2 to 3 inches deep, quite damp. Snow and rain till about 10 A. M.; wind S. E'ly. Wind came to W'ly before noon. Cleared P. M. Blustering evening; wind N. W.
Min.	29.35	29.26	29.50	8	11	9	10.0								30th. Clear and cold. Wind light W'ly. Still and clear evening.
Mean	29.90	29.88	29.93												31st. Clear, with wind quite light W'ly all day.
Range	1.12	1.28	1.22	28	36	35	29.3								
Mean of month		29.903		...	...	...	26.1								
Extreme range		1.46		...	...	...	39.0								

	Days.
S'ly & S. W'ly	9
W'ly & N. W'ly	20
N. E'ly & E'ly	2

	Days.
Clear	20
Variable	7
Cloudy	1
Rainy	3

January, 1839.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.62	30.63	30.62	5	23	19	15.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		1st. Wind light N. W'ly. Clear. 2d. Wind light.
2	30.53	30.46	30.40	17	22	26	21.7	N'ly	N. E.	S. E.	Variable	Variable	Variable		3d. Mild and pleasant. Wind light N. E.
3	30.29	30.17	30.15	26	36	30	30.7	N. E'ly	N. E'ly	N. E'ly	Variable	Variable	Cloudy		4th. Snow in morning, turning to mist from 9 to 10 A. M. Cloudy P M. Mild; wind light N. E.
4	30.05	30.04	30.06	31	32	30	31.0	N. E.	N. E.	N. E.	Snow	Misty	Cloudy	0.20	5th. Weather mild. Wind light N. E. all day.
5	30.10	30.12	30.17	28	32	23	27.7	N. E.	N. E.	N. E.	Misty	Cloudy	Clear		6th. Variable A. M.; wind N'ly. Clear P. M.; wind N. E.; light all day.
6	30.20	30.22	30.26	23	32	26	27.0	N'ly	N'ly	N. E.	Variable	Clear	Clear		7th. Fog and mist A.M. Mist and some rain P.M. Wind light S. W'ly during day; grew heavy and blustering in evening, with some rain.
7	29.98	29.76	29.49	28	37	36	33.7	S'ly	S. W.	S. W.	Cloudy	Misty	Cloudy		
8	29.35	29.55	29.91	36	39	26	33.7	W'ly	N. W.	N. W.	Variable	Clear	Clear		8th. At sunrise, wind S. W'ly, with occasional dashes of rain. From 9 to 10 A. M, wind came to W'ly and N. W., and cleared. Clear P. M.
9	30.13	30.10	30.05	16	28	26	23.3	N. W.	N. W.	W.	Clear	Clear	Cloudy		
10	29.85	29.75	29.74	36	42	36	38.0	S. W.	S. W.	W'ly	Cloudy	Clear	Clear		9th. Clear and pleasant. Hazy early in the evening. Flurry of snow at night.
11	29.80	29.82	29.85	40	52	39	43.7	S. W.	S. W.	S. W.	Clear	Clear	Cloudy		
12	29.73	29.57	29.72	40	53	36	43.0	S. W.	S. W.	N. W.	Foggy	Clear	Clear		10th. Pleasant. Brilliant aurora in evening.
13	30.01	30.00	29.96	27	33	31	30.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		11th. Unusually mild and pleasant. Cl'dy ev'ng.
14	29.81	29.84	29.91	34	36	22	30.7	W'ly	N'ly	N'ly	Cloudy	Cloudy	Cloudy		12th. Do do. Wind S. W'ly. From 6 to 7 P. M., wind came to N. W., gusty and cooler.
15	29.94	29.90	29.90	12	22	14	16.0	N. E'ly	N. E.	N. W.	Variable	Variable	Clear		13th. Pleasant.
16	29.89	29.88	29.88	11	26	22	19.7	N. E'ly	N. E'ly	N. E'ly	Clear	Clear	Clear		14th. Cloudy; raw. Aurora in even'g, not bright.
17	29.96	29.99	30.00	23	39	29	30.3	N. E'ly	S. E'ly	S'ly	Clear	Clear	Clear		15th. Wind rather brisk N'ly and N. E'ly. Sun much obscured. Air pretty cold.
18	29.97	29.93	29.84	27	41	34	24.0	S. W'ly	S. W'ly	S. W.	Cloudy	Cloudy	Rain		16th. Wind light N. E'ly Very clear.
19	29.75	29.65	29.67	30	38	14	27.3	W'ly	W'ly	N. W.	Variable	Clear	Clear		17th. Very pleasant.
20	29.87	...	29.72	4½	...	24	...	N. W.	...	S. W.	Clear	Clear	Clear		18th. Cloudy for the most part; mild. Very moderate rain commenced from 8 to 9 P. M.
21	29.59	29.54	29.63	24	32	18	24.7	W'ly	N. W.	N. W.	Variable	Variable	Clear		
22	29.64	29.51	29.34	4	21	24	16.3	N. W.	N. W.	W'ly	Clear	Variable	Snow		19th. Cl'dy at sunrise. Cleared from 8 to 9 A.M.; mild; wind W'ly. Wind came to N.W.; grew cold. Very blustering and cold evening. Aurora bright.
23	29.16	29.23	29.67	22	19	—6	11.7	W'ly	N. W.	N. W.	Cloudy	Clear	Clear		20th. Cold, but clear.
24	29.99	29.97	30.05	—8	10	12	4.7	N. W.	N. W.	W'ly	Clear	Clear	Variable		21st. Variable during day. Flurry of snow from N. from 5 to 6 P.M. Clear at 10 P.M.; growing cold.
25	30.08	30.04	29.96	15	37	33	28.3	S. W'ly	S. W.	S. E'ly	Clear	Variable	Variable		
26	29.66	29.34	28.70	43	49	40	44.0	S. E'ly	S. E.	S. E.	Cloudy	Cloudy	Rain	0.56	22d. Began to snow moderately from 5 to 6 P. M.
27	29.04	29.09	29.21	29	33	22	28.0	W'ly	W'ly	N. E.	Clear	Clear	Cloudy		23d Light snow 1½ in deep, at sunrise; mild; wind W'ly; air full of snow. About noon, wind came to N. W.; heavy gust, filling the air with snow from the ground; grew colder. At sunset, ther. +4°; at 10 P M., —6°, with piercing N. W. wind.
28	29.17	29.04	29.15	8	24	19	17.0	N. W.	N. W.	N. W.	Variable	Clear	Variable		
29	29.33	28.35	29.47	16	28	18	20 7	N. W.	N. W.	N. W.	Clear	Clear	Clear		24th. Wind light N. W'ly, inclining W'ly towards night. 25th. Mild.
30	29.56	29.55	29.62	18	31	19	22.7	W'ly	S. W.	W'ly	Clear	Cloudy	Clear		
31	29.82	29.84	29.95	16	27	22	21.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		26th. Cloudy at sunrise; wind fresh S. E'ly; bar. 29.70; indications of rain. Wind increased A. M., with mist and rain. Heavy dashes of rain at 2 P. M. Wind increased to a gale in evening, with rain. Bar. at 9 P. M., 28.77. Stationary not more than 30 minutes; began to rise by 10 P. M. Wind hauling to S. W. and abated; clouds thin.
Means	29.83	29.80	29.81	22.0	32.5	24.7	...	...	...	...	...	...	...	0.76	
REDUCED TO SEA LEVEL.															27th. Clear and pleasant during day; wind W'ly. Cloudy evening; wind fresh N. E.
Max.	30.80	30.81	30.80	43	53	40	44.0								28th. Raw and cold. Flurry of snow from 6 to 7 P. M. 29th. Pleasant.
Min.	29.22	29.22	28.88	—8	10	—6	4.7								30th. Clear at sunrise; wind W'ly. Hail from 11 to 12 A. M.; wind S.W. Var. P. M. Clear evening.
Mean	30.01	29.98	29.99												31st. Pleasant.
Range	1.58	1.59	1.92	51	43	46	39.3								
Mean of month		29.993		...	...	...	26.3								
Extreme range		1.93		...	...	...	61.0								

	Days.
S'ly & S. W'ly	7
W'ly & N. W'ly	16
N. E'ly & E'ly	8

	Days.
Clear	17
Variable	8
Cloudy	4
Rainy	2

February, 1839.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M		
1	29.96	29.85	29.80	16	26	19	20.3	N. E.	N. E.	N. E.	Cloudy	Variable	Snow		1st. Wind light N. E. all day. Cloudy for the most part. Began to snow moderately from 3 to 4 P. M.—about 1 inch, light.
2	29.76	29.70	29.70	16	27	14	19.0	N. E'ly	N. E'ly	W'ly	Cloudy	Cloudy	Clear		2d. Mild A. M; wind light N. E'ly. Cloudy P. M. wind W'ly. Clear evening.
3	29.61	29.58	29.53	13	28	29	23.3	W'ly	W'ly	S. W.	Clear	Clear	Clear		3d. Clear; rather blustering.
4	29.62	29.68	29.82	26	26	18	23.3	N. W.	N. E.	N. W.	Cloudy	Snow	Clear	0.20	4th. Cloudy morning. Flurry of snow from noon to 2 P. M. Clear evening.
5	29.94	29.85	29.90	7	18	9	11.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		5th. Cold, with wind light N. W. all day.
6	29.98	29.93	30.03	6	15	9	10.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		6th. Blustering, and cold severe.
7	30.19	30.18	29.93	2	22	29	17.7	S. W'ly	S. W.	S. W.	Clear	Variable	Cloudy		7th. Clear and pleasant A. M. Hazy P. M. Cl'dy evening. Wind fresh S. W.; ther. rising; barom. falling.
8	29.83	29.64	29.62	29	52	40	40.3	S. W'ly	S. W.	W'ly	Variable	Variable	Cloudy		8th. Mild; wind light S. W'ly. Cloudy evening, with appearances of rain.
9	29.55	29.71	30.08	32	26	12	23.3	N. E.	N. E.	N'ly	Snow	Cloudy	Clear		9th. Rain and snow at sunrise. Light snow A. M. Cloudy P. M. Clear evening. Snow nearly all melted as it fell.
10	30.17	30.10	30.02	7	22	22	17.0	N. W'ly	N. W.	N. E'ly	Variable	Variable	Cloudy		10th. Wind light N'ly.
11	29.92	29.78	29.90	22	26	21	23.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Snow		11th. Cloudy and moderate, though rather raw. Began to snow moderately from 8 to 9 P. M.
12	30.14	30.13	30.16	17	27	21	21.7	N. W'ly	N. W'ly	N. W.	Variable	Clear	Clear		12th. Ground just covered with snow. Mild.
13	30.16	30.09	30.07	21	34	28	27.7	S. W'ly	S'ly	S. W.	Clear	Clear	Clear		13th. Mild and pleasant.
14	30.00	29.96	29.94	30	33	33	32.0	N. E'ly	N. E.	N. E.	Misty	Misty	Cloudy		14th. Light mist all day. Mild.
15	29.95	29.93	29.94	30	37	32	33.0	N. E'ly	S. W'ly	S'ly	Cloudy	Cloudy	Cloudy		15th. Cloudy, with some mist. Wind light and weather mild.
16	29.95	29.94	29.88	32	35	32	33.0	S. W.	N. W.	N. E'ly	Misty	Cloudy	Misty		16th. Cloudy, with some mist. Moderate.
17	29.83	29.81	29.84	32	36	32	33.3	N. E.	N. E.	N. E.	Cloudy	Cloudy	Snow	0.15	17th. Cloudy and damp. Wind light N. E. Weather moderate.
18	29.82	29.80	29.91	27	31	27	28.3	N. E.	N. E.	N. W.	Cloudy	Cloudy	Clear		18th. Cloudy, with wind light N. E all day. Wind came to N. W., and cleared in evening.
19	30.06	30.01	30.00	20	34	28	27.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		19th. Pleasant.
20	29.94	29.93	29.95	30	43	32	35.0	S. W.	W'ly	S. W.	Variable	Clear	Clear		20th. Very pleasant.
21	30.04	30.04	30.06	30	44	34	36.0	N. E.	E'ly	E'ly	Variable	Variable	Snow	0.30	21st. Variable till evening, then cloudy. Began to mist and snow from 8 to 9 P. M.
22	30.06	30.08	30.07	32	34	34	33.3	E'ly	E'ly	E'ly	Misty	Misty	Cloudy		22d. Wet snow an inch deep, at sunrise. Mist during the morning.
23	29.98	29.98	30.05	33	37	32	34.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		23d. Weather mild.
24	30.13	30.11	30.10	31	38	36	35.0	N. E.	N. E.	E'ly	Variable	Variable	Cloudy		24th. Very mild.
25	29.90	29.66	29.60	34	39	35	36.0	S. E.	S. E.	N. W.	Rain	Rain	Clear	0.30	25th. Moderate rain A. M.; wind light S. E'ly. Cloudy P. M. Clear evening, with wind light N. W. Very mild.
26	29.71	29.66	29.45	32	45	33	36.7	N. W.	E'ly	N. E.	Clear	Clear	Rain	0.55	26th. Mild. Air rather raw towards night. Began to rain—wind light N. E.—from 7 to 8 P. M.
27	29.21	29.32	29.34	33	45	38	38.7	N. W.	N. W.	S. E'ly	Cloudy	Cloudy	Cloudy		27th. Mild.
28	29.43	29.41	29.10	30	45	34	36.3	S'ly	S'ly	N. E.	Clear	Variable	Snow		28th. Mild. Variable through the day. Cloudy evening. Began to snow and rain at about P. M. Wind N. E., growing rather fresh.
Means	29.89	29.85	29.85	23.9	33.0	26.8	...	...	...	...	...	...	...	1.50	
REDUCED TO SEA LEVEL.															
Max.	30.37	30.36	30.34	34	52	40	40.3								
Min.	29.39	29.50	29.28	2	15	9	10.0								
Mean	30.07	30.03	30.03												
Range	0.98	0.86	1.06	32	37	31	30.3								
Mean of month			29.390	...	...	...	27.9								
Extreme range			1.09	...	...	...	50.0								

	Days.
S'ly & S. W'ly	7
W'ly & N. W'ly	9
N. E'ly & E'ly	12

	Days.
Clear	7
Variable	7
Cloudy	7
Rainy	7

March, 1839.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.20	29.40	29.65	32	38	30	33.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		1st. Rather blustering.
2	29.54	...	...	29	52	41	40.7	S. W'ly	...	...	Clear	Variable	Cloudy		2d. Warm, with S'ly wind, in morning. Wind came to N. E., and began to snow, late at night.
3	...	...	...	23	22	7	17.3	N. E.	N. E.	N. W.	Snow	Cloudy	Clear	0.25	3d. Snow in morning; wind N. E. Wind came to N. W., and grew colder fast. Clear. From 2 to 3 inches of snow.
4	30.07	30.07	30.06	5	24	18	15.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		4th. Clear and cold.
5	29.97	29.88	29.99	15	32	24	23.7	W'ly	S. W.	N. W.	Clear	Clear	Clear		5th. Clear and cool. Faint aurora in evening.
6	30.08	30.06	29.96	23	42	34	33.0	W'ly	S. W.	S. W.	Clear	Clear	Clear		5th. Pleasant. Wind brisk S. W. in evening.
7	29.80	29.68	29.65	32	51	33	38.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		7th. Very pleasant.
8	29.53	29.33	29.03	32	47	36	38.3	S. W.	S. W.	E'ly	Clear	Variable	Rain	1.25	8th. Clear morning; wind S'ly; hazy. Clouded over, and began to rain moderately, from 2 to 3 P. M. Rain increased, and continued through the evening.
9	29.05	29.13	29.31	32	43	34	36.3	W'ly	W'ly	W'ly	Variable	Clear	Clear		9th. Pleasant. Ground covered with snow in the morning; melted soon.
10	29.44	29.47	29.61	31	31	26	29.3	N. W.	N. W.	N. W.	Variable	Clear	Clear		10th. Blustering and cold.
11	29.57	29.66	29.81	18	33	30	27.0	N. W.	N. W.	N'ly	Clear	Clear	Cloudy		11th. Rather blustering and cold.
12	29.99	30.00	30.15	24	45	34	34.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		12th and 13th. Pleasant.
13	30.15	30.15	30.03	28	45	34	35.7	N. W.	S. E'ly	S'ly	Clear	Clear	Clear		14th. Moderate rain in morning.
14	29.83	29.74	29.86	34	42	32	36.0	S. W.	S. W.	N. W.	Cloudy	Rain	Clear		15th, 16th, and 17th. Pleasant.
15	29.90	29.94	30.00	24	40	30	31.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		18th. Cloudy, with snow, in morning Variable in afternoon. Wind came to N. E. towards night, with some mist.
16	30.00	29.94	29.89	30	45	36	37.0	S. W.	S. W.	S. W.	Clear	Variable	Clear		19th. Cloudy all day, with some mist in morning. Flurry of hail from 4 to 5 P. M., and cleared; wind N. E.
17	29.90	29.90	29.89	34	47	39	40.0	W'ly	W'ly	S. W'ly	Clear	Clear	Clear		20th. Cloudy; wind raw N. E. Began to hail at 9 P. M.
18	29.80	29.71	29.67	37	54	37	42.7	S. W.	S. W.	N. E.	Misty	Variable	Cloudy		21st. Wind light E'ly. Mist most of the day.
19	29.68	29 68	29.93	34	37	33	34.7	N. E.	N. E.	N. E.	Misty	Cloudy	Clear		22d. Mild.
20	30.01	30.04	30.01	27	31	28	28.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Hail		23d. Weather mild.
21	29.89	29.79	29.69	27	33	34	31.3	N. E.	E'ly	E'ly	Cloudy	Misty	Misty		24th. Very pleasant.
22	29.55	29.49	29.55	33	46	39	39.3	N. E.	N'ly	N. W.	Misty	Cloudy	Variable		25th. Cloudy at sunrise; wind N. E'ly. Snowed moderately from 8 to 12 A. M. Variable in afternoon. Clear in evening.
23	29.49	29.40	29.43	34	49	39	40.7	N. W.	N. W.	N. E.	Variable	Variable	Variable		26th. Very pleasant.
24	29.59	29.62	29.62	30	45	36	37.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		27th. Very mild and pleasant.
25	29.63	29.58	29.73	32	40	28	33.3	N. E'ly	N. W.	N. W.	Cloudy	Variable	Clear		28th. Very mild and pleasant. Wind S'ly at 10 A. M.; S. E'ly at 1 P. M.; E'ly in evening. Air rather hazy.
26	29.77	29.70	29.69	24	48	36	36.0	N. W.	N. W.	W'ly	Clear	Clear	Clear		29th. Wind light N. E'ly, inclining to N'ly towards night.
27	29.58	29.43	29.57	43	64	52	53.0	S. W.	S. W.	N. W.	Clear	Clear	Clear		30th. Air raw. Cloudy during the day. Clear in evening.
28	29.71	29.79	29.81	45	64	38	49.0	W'ly	S. E.	E'ly	Clear	Clear	Clear		31st. Cool, but very pleasant.
29	29.67	29.63	29.52	37	48	37	40.7	N. E.	N. E.	N. E'ly	Cloudy	Cloudy	Cloudy		
30	29.74	29.82	30.13	37	41	28	35.3	N. W.	N. W.	N. W.	Cloudy	Cloudy	Clear		
31	30.31	30.33	30.27	24	43	32	33.0	N. W.	N'ly	S'ly	Clear	Clear	Clear		
Means	29.75	29.74	29.77	29.3	42.6	32.7	...	...	...	...	...	...	...	1.50	
REDUCED TO SEA LEVEL.															
Max.	30.49	30.51	30.45	45	64	52	53.0								
Min.	29.38	29.31	29.21	5	22	7	15.7								
Mean	29.93	29.92	29.95												
Range	1.11	1.20	1.24	40	42	45	37.3								
Mean of month			29.933	...	...	...	34.9								
Extreme range			1.30	...	...	...	59.0								

	Days.
S'ly & S. W'ly	12
W'ly & N. W'ly	12
N. E'ly & E'ly	8

	Days.
Clear	17
Variable	7
Cloudy	5
Rainy	2

April, 1839.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. At 6 A. M.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER	REMARKS.
1	30.04	29.99	29.85	27	52	38	39.0	S'ly	S'ly	S'ly	Clear	Clear	Variable		1st. Pleasant. Wind light S'ly.
2	29.93	29.98	30.04	37	49	33	39.7	N. E.	N. E.	N. E.	Variable	Clear	Clear		2d. Pleasant. Wind moderate N. E'ly. At 28 or 30 min. past 8 P. M., an unusually bright meteor was seen to pass from the vicinity of Sirius, 20° or 30° in the direction nearly of the centre of Lepus. It was visible 3 or 4 seconds, and disappeared behind a neighboring house. Its brightness exceeded that of Jupiter or Venus; color greenish white. It was seen through a window from a room with two lamps in. No noise was heard; no luminous train was observed.
3	30.06	30.04	30.02	37	49	39	41.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Clear		
4	29.96	29.94	29.92	33	62	45	46.7	N. E.	S'ly	S'ly	Clear	Clear	Clear		
5	29.96	30.00	30.06	37	62	38	45.7	S. W.	N. E.	N. E.	Clear	Clear	Foggy		
6	30.07	29.90	29.78	38	62	48	49.3	S. W'ly	S. W.	S. W.	Foggy	Clear	Clear		
7	29.62	29.49	29.49	46	73	61	60.0	S. W.	W'ly	N. W.	Variable	Hazy	Clear		
8	29.74	29.72	29.79	36	51	40	42.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
9	29.84	29.87	29.92	32	53	37	40.7	N. W.	N. E.	S'ly	Clear	Clear	Clear		3d. Cloudy. Wind steady and moderate at N. E. Clear evening.
10	29.93	29.88	29.84	33	57	45	45.0	S. W'ly	S. W.	S. W.	Clear	Clear	Clear		4th. Very pleasant.
11	29.80	29.7[illegible]	29.72	43	63	53	53.0	S. W.	S. W.	S. W.	Variable	Clear	Cloudy		5th. Warm and pleasant.
12	29.62	29.60	29.49	52	44	40	45.3	S. W.	N. E.	N. E.	Rain	Rain	Rain		6th. Foggy A. M. Clear and mild P. M.
13	29.46	29.51	29.59	38	37	35	36.7	N. E.	N. E.	N. E.	Cloudy	Rain	Cloudy	} 2.50	7th. Very warm. At 1 P. M., thick haze; sun obscured; ther. 73°. Wind came to N.W'ly, with a gust from 4 to 5 P. M. Evening clear and rather windy
14	29.60	29.60	29.65	32	34	34	33.3	N. E.	N. E.	N. E.	H'l & r'n	R'n & sn.	Rain	0.35	
15	29.57	29.45	29.38	34	41	36	37.0	N. E.	N'ly	N'ly	Cloudy	Cloudy	Rain	0.10	
16	29.25	29.21	29.25	36	57	46	46.3	N. W.	N. W.	N. W.	Variable	Clear	Variable	} 0.30	8th. Very pleasant. Rather blustering P. M.
17	29.24	29.11	29.15	40	37	38	38.3	N. E.	N. E.	N'ly	Cloudy	Rain	R'n & sn.		9th. Ground frozen in the morning. Pleasant but cool through the day.
18	29.23	29.32	29.57	38	51	54	47.7	N. W.	N. W.	N. W.	Cloudy	Clear	Clear		10th. Very blustering. Air filled with dust.
19	29.56	29.54	29.50	49	63	52	54.7	N. W.	W'ly	W'ly	Clear	Clear	Clear		11th. Variable in morning. Clear at mid-day. Cloudy towards evening, with wind quite fresh and increasing.
20	29.47	29.48	29.72	54	58	38	50.0	N'ly	N. W.	N'ly	Cloudy	Variable	Clear		
21	29.86	29.89	29.94	34	52	37	41.0	N'ly	N'ly	S'ly	Clear	Clear	Clear		12th. At sunrise, wind light S. W'ly with moderate rain. From 9 to 10 A. M., wind came to N. E.; grew cooler; rain and wind increased. Rain continued all day and evening. Wind heavy at 10 P. M.
22	30.02	30.06	30.08	36	66	46	49.3	W'ly	S. E.	S. W.	Clear	Clear	Clear		
23	30.13	30.15	30.13	40	60	48	49.3	S. W.	S. E'ly	S. W.	Clear	Clear	Hazy		
24	30.13	30.07	29.92	46	64	52	54.0	S. W.	S. W.	S. W.	Variable	Clear	Clear		
25	29.82	29.70	29.69	50	66	50	55.3	S'ly	S'ly	N. W.	Cloudy	Variable	Clear		13th. Rain at intervals through the day.
26	29.66	29.69	29.72	48	60	52	53.3	N. W.	N'ly	N. W.	Variable	Clear	Clear		14th. Hail, snow, and rain in morning, which continued during the forenoon. Light rain, rather drizzling in afternoon; very raw and cold.
27	29.72	29.61	29.59	44	69	50	54.3	S. W.	W'ly	W'ly	Clear	Clear	Variable		
28	29.60	29.59	29.78	56	64	42	54.0	W'ly	N. E.	N. E.	Clear	Hazy	Cloudy		15th. Cloudy in morning; wind N'ly. Rain moderate after 5 P. M.
29	29.88	29.99	29.93	46	45	44	45.0	N. E.	E'ly	N. E.	Cloudy	Cloudy	Cloudy	} 0.38	16th. Cloudy at sunrise; cleared soon. Pleasant.
30	29.81	29.72	29.71	43	66	52	53.7	N. E.	E'ly	S. E.	Cloudy	Variable	Cloudy		17th. Rain and snow
Means	29.75	29.72	29.74	40.5	55.6	44.1	...	...	...	...	...	...	...	3.63	23d. Clear through the day. Evening foggy.
REDUCED TO SEA LEVEL.															25th. Sprinkling of rain at sunrise. About 5 P. M., wind shifted from S. E. to N. and N. E., with a shower of rain. Wind then came to N. W., and cleared.
Max.	30.31	30.33	30.31	56	73	61	60.0								29th. Began to rain very moderately at 9 A. M., and continued till 1 P. M.
Min.	29.41	29.29	29.33	27	34	33	33.3								30th. Foggy in the morning. Showery in the afternoon and evening.
Mean	29.93	29.90	29.92												
Range	0.90	1.04	0.98	29	39	28	26.7								
Mean of month			29.917	...	...	...	46.7								
Extreme range			1.04	...	...	...	46.0								

	Days.
S'ly & S. W'ly	8
W'ly & N. W'ly	8
N. E'ly & E'ly	14

	Days.
Clear	15
Variable	5
Cloudy	4
Rainy	6

May, 1839.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.70	29.70	29.60	50	58	50	52.7	E'ly	N. E.	E'ly	Cloudy	Rain	Rain	} 0.40	1st. Showery throughout the day.
2	29.57	29.58	29.53	50	66	54	56.7	S. E.	S. E.	S'ly	Cloudy	Clear	Sh'r, fog		2d. Foggy, and some showers, in the forenoon.
3	29.30	29.50	29.63	56	50	44	50.0	S. W.	N. W.	N. W.	Cloudy	Clear	Clear		3d. Clear. Wind brisk W'ly and N. W'ly.
4	29.74	29.78	29.92	36	51	41	42.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		4th. Clear. Wind fresh and cool.
5	29.92	29.81	29.76	40	57	48	48.3	S. W'ly	S. W.	S. W.	Clear	Clear	Cloudy		5th. Clear. Wind very blustering and cool. Cloudy in evening, with dashes of rain.
6	29.87	30.07	30.02	43	61	50	51.3	W'ly	W'ly	S. W.	Clear	Clear	Clear		6th. Rather blustering and cool.
7	30.15	30.05	30.20	40	58	42	46.7	N. E.	N. E.	S'ly	Clear	Variable	Clear		7th. Very chilly in afternoon, with S'ly wind.
8	30.28	30.21	29.95	34	57	52	47.7	S. W.	S. W.	S. W.	Clear	Variable	Cloudy		8th. Clear in the morning, with a heavy white frost. Air damp, with appearances of rain, in afternoon.
9	29.94	29.96	30.06	51	69	55	58.3	S. W.	N. E.	W'ly	Clear	Variable	Clear		9th. Warm; variable during the middle of day.
10	30.20	30.19	30.16	42	64	44	50.0	N. E.	N. E.	S. W.	Clear	Variable	Clear		10th. Pleasant. Aurora in the evening, not very bright.
11	30.10	30.07	30.08	42	64	44	50.0	N. E.	N. E.	S. W.	Clear	Clear	Clear		11th, 12th, and 13th. Pleasant.
12	30.10	30.05	30.01	45	65	51	53.7	N. W.	S'ly	S'ly	Clear	Clear	Clear		14th. Very heavy rain in morning; wind about S. Cloudy, with occasional light showers, in afternoon. Clear from 7 to 8 P. M.
13	30.02	30.00	29.94	47	69	55	57.0	S. W'ly	S. W'ly	S. W.	Clear	Variable	Variable		
14	29.72	29.65	29.74	58	58	58	58.0	S'ly	S'ly	N. W.	Rain	Rain	Clear	2.18	15th. Very pleasant. Aurora in the evening, not brilliant.
15	29.93	29.91	29.90	57	70	56	61.0	N. W.	S. W.	S. W.	Clear	Clear	Clear		16th. Very pleasant in morning. Variable in afternoon. Very light shower from 5 to 6 P. M.
16	29.90	29.89	29.87	57	71	61	63.0	W'ly	S. W.	S. W.	Clear	Clear	Clear		17th. Cloudy in the morning, with a little rain. Clear towards night.
17	29.94	29.96	29.96	59	67	58	61.3	W'ly	S. W'ly	S. W.	Cloudy	Variable	Clear		18th. Cloudy in the morning, rain having fallen during the night. Clear in afternoon.
18	30.03	30.01	30.00	53	70	57	60.0	W'ly	W'ly	S. W.	Rain	Clear	Clear	0.36	19th. Very pleasant.
19	30.04	29.97	29.90	57	73	64	64.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		20th. Very pleasant. From 6 to 7 P. M., thunder, with sprinkling of rain, and change of wind from W'ly to N. E. Clear in evening.
20	29.83	29.78	29.94	62	78	56	65.3	W'ly	W'ly	N. E.	Clear	Clear	Clear		21st. Very pleasant. Air chilly towards night.
21	30.00	29.96	29.87	49	68	55	57.3	S. E'ly	S. W'ly	S. W.	Clear	Clear	Cloudy		22d. Sprinkling of rain in the morning. Cloudy during the day.
22	29.87	29.96	30.12	51	51	47	49.7	N. E.	N. E.	N. E.	Rain	Cloudy	Variable		23d. Cool.
23	30.21	30.29	30.27	46	64	49	53.0	N. E.	N. E.	N. E.	Variable	Clear	Variable		24th. Rain and mist. Wind light N. E. Air cool.
24	30.21	30.12	30.07	46	54	51	50.3	N. E.	N. E.	N. E.	Rain	Misty	Cloudy	0.20	25th. Rain in morning. Variable in afternoon.
25	29.98	29.89	29.83	51	66	56	58.3	N. E.	W'ly	W'ly	Cloudy	Variable	Foggy		26th. Pleasant.
26	29.89	29.87	29.85	62	76	60	66.0	W'ly	S. E.	S'ly	Clear	Clear	Clear		27th. Variable in morning; sunshine and clouds. Showers, commencing at 5 P. M.
27	29.83	29.79	29.74	59	68	60	62.3	S'ly	S'ly	S'ly	Variable	Variable	Rain	0.40	28th. Clouds and mist for the most part.
28	29.61	29.60	29.60	60	73	60	64.3	S'ly	S. W'ly	S. W'ly	Misty	Variable	Cloudy		29th. Heavy shower from 5 to 6 A. M. Variable during the day.
29	29.61	29.63	29.66	60	70	58	62.7	S. E'ly	S. E'ly	S. W.	Shower	Variable	Variable	0.25	30th and 31st. Very pleasant.
30	29.66	29.69	29.80	56	69	57	60.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
31	29.81	29.81	29.77	51	64	48	54.3	N. W.	S. W.	N. W.	Clear	Variable	Clear		
Means	29.89	29.89	29.89	50.6	64.5	52.9	...	...	...	...	...	...	...	3.79	
REDUCED TO SEA LEVEL.															
Max.	30.46	30.47	30.45	62	78	64	66.0								
Min.	29.48	29.68	29.71	34	50	41	42.7								
Mean	30.07	30.07	30.07												
Range	0.98	0.89	0.74	28	28	23	23.3								
Mean of month			30.070	...	...	...	56.0								
Extreme range			0.99	...	...	...	44.0								

	Days.
S'ly & S. W'ly	16
W'ly & N. W'ly	4
N. E'ly & E'ly	11

	Days.
Clear	17
Variable	4
Cloudy	3
Rainy	7

June, 1839.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER	REMARKS.
	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.74	29.73	29.81	46	53	44	47.7	N. E.	N. E.	N. E.	Clear	Cloudy	Clear		1st. Wind N. E'ly. Cool, with sprinkling of rain in afternoon.
2	29.82	29.84	29.84	47	59	49	51.7	N. E.	N. E.	S. W.	Clear	Cloudy	Clear		2d. Very cool and cloudy, with wind N. E'ly.
3	29.85	29.87	29.93	52	65	54	57.0	W'ly	S. W.	W'ly	Cloudy	Cloudy	Variable		3d. Cool; cloudy for the most part.
4	29.98	30.00	30.02	52	68	53	57.7	E'ly	E'ly	E'ly	Clear	Clear	Variable		4th. Pleasant, rather cool.
5	29.93	29.62	29.74	48	52	49	49.7	N. E.	N. E.	N. E.	Rain	Rain	Misty	0.55	5th. Rain and mist all day.
6	29.78	29.80	29.92	50	63	58	57.0	N. W.	N. W.	N. W.	Cloudy	Variable	Clear		6th. Cloudy for the most part. Cool and rather blustering.
7	30.00	30.08	30.16	53	75	62	63.3	N. W.	N. W.	N. E.	Clear	Clear	Clear		7th. Clear and warm.
8	30.21	30.18	30.08	62	74	64	66.7	S. W'ly	S. E'ly	S. W.	Clear	Variable	Variable		8th. A good deal cloudy. Wind fresh S. W. in the afternoon and evening.
9	29.89	29.79	29.69	63	81	70	71.3	S. W.	S. W.	S. W'ly	Cloudy	Variable	Var., sh.	0.20	9th. Cloudy for the most part, and very warm. Shower, with lightning in the evening.
10	29.66	29.69	29.78	62	75	68	68.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		10th, 11th, and 12th. Very pleasant.
11	29.74	29.73	29.83	64	78	62	68.0	S. W.	S. W.	N. E.	Variable	Clear	Clear		13th. Cloudy in the afternoon. Some rain in the evening.
12	29.93	29.98	29.99	52	68	56	58.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		14th. Very pleasant, though cool.
13	29.90	29.79	29.84	52	66	50	56.0	N. W'ly	S. W'ly	N. E.	Variable	Variable	Cloudy		15th. Pleasant.
14	29.90	29.89	29.95	46	70	56	57.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		16th. Shower in the morning. Very cool during the day and evening.
15	29.94	29.89	28.85	52	72	56	60.0	N. W.	S'ly	S'ly	Clear	Clear	Clear		17th. Wind fresh from N. W. and W'ly.
16	29.70	29.67	29.76	56	67	53	58.7	S. W.	N. W.	N. W.	Rain	Clear	Clear	0.28	18th. Wind brisk S. W'ly all day. Cloudy. Moderate rain began from 4 to 5 P. M.; continued in the evening, with pretty heavy wind.
17	29.80	29.82	29.93	56	74	64	64.7	N. W.	W'ly	S. W.	Clear	Clear	Variable		19th. Cool and rather blustering, but very clear.
18	29.93	29.84	29.65	62	73	66	67.0	S. W.	S. W.	S. W.	Variable	Cloudy	Rain	0.38	20th. Very pleasant.
19	29.65	29.72	29.89	62	66	54	60.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		21st. Very warm, but pleasant.
20	29.87	29.86	29.89	57	76	62	61.7	W'ly	S. W'ly	W'ly	Clear	Clear	Clear		22d. Wind N. E. in the morning, with occasional rain. Cloudy in afternoon. Clear in evening.
21	29.84	29.77	29.78	66	82	66	71.3	W'ly	S. W'ly	S. W'ly	Clear	Clear	Foggy		23d. Very pleasant.
22	29.71	29.70	29.79	56	60	59	58.3	N. E.	N. E.	N. W'ly	Misty	Misty	Clear		24th. Clear in morning. Cloudy in afternoon and evening, with sprinkling of rain.
23	29.83	29.84	29.93	59	77	63	66.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		25th. Cloudy in the morning. Clear through the day and evening.
24	29.99	30.02	30.07	54	72	61	62.3	N. W.	N. W.	W'ly	Clear	Variable	Cloudy		26th and 27th. Very pleasant.
25	30.04	30.03	30.09	60	76	64	66.7	W'ly	W'ly	W'ly	Cloudy	Clear	Clear		28th. Wind E'ly, inclining to N. E., with copious rain. Wind came to N'ly and N. W. in the evening, and stars appeared.
26	30.09	30.08	30.05	62	76	65	67.7	S. W'ly	S. W'ly	S. W.	Clear	Variable	Clear		29th. Pleasant.
27	30.08	30.01	29.98	63	78	66	69.0	S. W'ly	S. W.	S. W.	Clear	Clear	Variable		30th. Very pleasant.
28	29.88	29.78	29.79	60	60	58	59.3	N. E.	N. E.	N. W'ly	Rain	Rain	Variable	0.90	
29	29.83	29.84	29.92	58	75	68	67.0	N. W'ly	S. W'ly	N. W.	Variable	Clear	Clear		
30	30.02	30.05	30.11	68	77	66	70.3	W'ly	W'ly	S'ly	Clear	Clear	Clear		
Means	29.88	29.86	29.90	56.7	70.3	59.5	...	...	...	...	...	...	...	2.31	
REDUCED TO SEA LEVEL.															
Max.	30.39	30.36	30.34	68	82	70	71.3								
Min.	29.85	29.80	29.83	46	52	44	51.7								
Mean	30.06	30.04	30.08												
Range	0.54	0.56	0.51	22	30	26	19.6								
Mean of month			30.060	...	...	...	62.16								
Extreme range			0.59	...	...	...	36.00								

	Days.
S'ly & S. W'ly	16
W'ly & N. W'ly	7
N. E'ly & E'ly	6

	Days.
Clear	15
Variable	7
Cloudy	3
Rainy	5

July, 1839.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	30.20	30.18	30.19	64	82	65	70.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		1st. Very pleasant, though burning sun.
2	30.19	30.14	30.00	66	80	71	72.3	S. W.	S. W.	S. W.	Clear	Clear	Cloudy		2d. Pleasant.
3	29.77	29.79	29.85	68	72	68	69.3	S'ly	S. W.	S. W.	Rain	Cloudy	Clear	1.05	3d. Copious rain in morning from S'ly. Cloudy in afternoon. Clear in evening.
4	29.90	29.88	29.94	68	81	67	72.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		4th. Very pleasant. 5th. Pleasant.
5	29.99	30.00	30.02	60	73	68	67.0	N'ly	W'ly	S. W'ly	Variable	Variable	Cloudy		6th. Cloudy till towards night. Clear in the evening, with wind S'ly.
6	30.00	29.97	29.98	62	67	63	64.0	N. E.	N. E.	S'ly	Cloudy	Cloudy	Clear		7th. Fog-clouds in morning; then clear. Copious shower from 3 to 4 P. M. Clear in evening.
7	29.96	29.96	29.98	63	76	64	67.7	S. W.	S. W.	N. W.	Variable	Clear	Cl'r, sh.	0.15	8th. Very pleasant.
8	29.99	29.98	29.95	63	77	67	69.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		9th. Foggy early; then clear for the most part of morning. Copious shower from noon to 1 P. M. Showers in afternoon, with severe thunder. Clear evening.
9	29.92	29.89	29.88	65	72	65	67.3	S. W.	S. W.	W'ly	Foggy	Shower	Clear	0.80	10th. Wind light S. W'ly. Very warm.
10	29.88	29.83	29.81	63	84	72	73.0	S. W.	S. W.	S. W.	Clear	Clear	Variable		11th. Clear in morning. From 11 to 12 A. M., copious shower, with a heavy gust and violent thunder. Variable in afternoon. Mist in evening. Rain during night.
11	29.77	29.77	29.72	71	77	71	73.0	S. W.	S. W.	S. W.	Cl'r, sh.	Cloudy	Cl'dy, r'n	0.62	12th. Pleasant.
12	29.68	29.69	29.74	67	77	67	70.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		13th. Sprinkling of rain, with distant thunder, from 11 to 12 A. M., with change of wind from S. W. to W'ly and N. W
13	29.83	29.83	29.89	64	77	69	70.0	S. W.	S. W'ly	N. W.	Clear	Clear	Clear		14th. Clear in morning. Light shower in afternoon, with some thunder.
14	29.90	29.88	29.84	64	74	66	64.0	N. W.	W'ly	S. W.	Clear	Shower	Variable		15th. Variable in morning. Cl'dy in afternoon. Moderate rain in evening. Wind S. W.
15	29.74	29.75	29.79	64	75	64	67.7	W'ly	W'ly	S. W.	Variable	Variable	Shower	0.25	16th, 17th, 18th, and 19th. Very pleasant.
16	29.93	29.92	30.04	63	79	66	69.3	N. W.	W'ly	S. W.	Clear	Clear	Clear		20th. Very warm, with fresh breeze at S. W. all day and evening.
17	30.15	30.16	30.17	66	79	70	71.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		21st. Moderate rain A. M. Cloudy during day.
18	30.20	30.19	30.18	68	81	71	66.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		22d. Va'ble during day. Moderate rain evening.
19	30.20	30.17	30.16	71	84	74	76.3	S. W.	S. W.	S. W'ly	Clear	Clear	Clear		23d. Very pleasant. Cumulus cloud abundant
20	30.17	30.12	30.08	72	88	75	78.3	S. W.	S. W.	S. W.	Clear	Clear	Variable		24th. Very pleasant.
21	30.04	30.01	29.97	72	78	74	74.7	S. W.	S. W.	S. W.	Rain	Cloudy	Variable	0.10	25th. Cloudy for the most part. Lower strata of clouds from S'ly, upper from W'ly, all P. M.
22	29.93	29.92	29.92	74	83	72	76.3	S. W.	S. W.	S. W.	Cloudy	Variable	Rain	0.12	26th and 27th. Pleasant.
23	29.90	29.89	29.96	73	83	71	75.7	W'ly	W'ly	N. W.	Clear	Clear	Clear		28th. At 6 P. M., clear; wind very light N. E.; dew-point 64°. At 1 P. M., dew-point 64°; at 3 P. M., 68°; at 5 P. M., 70½°, temp. 75°; at 9 P. M., dew-point 69°, temp. 70°. From 10 A. M. to 5 P. M., wind S. E'ly; from 1 to 4 P. M., quite fresh. Air in the mean time hazy; and at times distinct cirrus clouds from the N. W.
24	30.02	30.01	30.01	67	79	70	72.0	N. E'ly	E'ly	W'ly	Clear	Clear	Variable		29th. At 6 A. M., wind light S. W. Clouds thick; broken cumuli from W.; temp. 70°; dew-point 67°. Wind light S. W. all day. Upper clouds from W.
25	29.94	29.86	29.84	68	78	70	72.0	S'ly	S. E'ly	S'ly	Cloudy	Cloudy	Cloudy		30th. Fine. Light cirrus clouds, pretty high, from W'ly and N. W'ly, P. M.; wind brisk at S. W.
26	29.81	29.78	29.81	70	80	75	75.0	W'ly	N. W'ly	N. W.	Cloudy	Clear	Clear		31st. At 6 A. M., wind S. W.; dew-point 70°; temp. 73°; cloudy. At 1 P. M., clouds became thicker; dew-point rose to 73°, and temp. to 77°. Began to rain at 1½ P. M. Heavy rain at 4½ P. M. Wind brisk W'ly in the evening.
27	29.91	29.91	29.93	68	81	70	73.0	N. W.	N. W.	N. W.	Clear	Clear	Variable		
28	29.98	29.97	29.97	64	79	70	71.0	N. E.	S. E.	S'ly	Clear	Clear	Clear		
29	29.95	29.93	29.96	70	80	71	73.7	S. W.	S. W.	S. W.	Cloudy	Clear	Variable		
30	29.98	29.96	29.97	71	81	73	75.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		
31	29.94	29.87	29.80	72	77	69	72.7	S. W.	S. W.	W'ly	Cloudy	Cl'dy, r'n	Clear	2.17	
Means	29.96	29.94	29.95	67.1	78.5	69.3	...	...	...	...	...	...	...	5.26	
REDUCED TO SEA LEVEL.															
Max.	30.38	30.37	30.37	74	88	75	78.3								
Min.	29.86	29.87	29.90	60	72	63	64.0								
Mean	30.14	30.12	30.13												
Range	0.52	0.50	0.47	14	16	12	14.3								
Mean of month			30.130	...	...	...	71.66								
Extreme range			0.52	...	...	...	28.00								

	Days.
S'ly & S. W'ly	22
W'ly & N. W'ly	6
N. E'ly & E'ly	3

	Days.
Clear	18
Variable	3
Cloudy	2
Rainy	8

August, 1839.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.90	29.88	29.94	66	76	64	68.7	N. W'ly	N. W'ly	N. W.	Clear	Clear	Clear		1st. Very pleasant. From 11 A. M. to 4 P. M., cirro-cumulus clouds sparsely scattered, then fading into cirrus.
2	29.98	30.00	29.93	60	73	67	66.7	N. W.	S. W'ly	S. W'ly	Variable	Cloudy	Cloudy		2d. Wind light. Variable A. M. Cloudy for most part P. M.
3	29.92	29.91	29.97	64	77	70	70.3	W'ly	N. W.	N. W.	Clear	Clear	Clear		3d. Very pleasant. Clouds, cumulus.
4	30.08	30.08	30.08	61	74	66	63.7	N. E.	N. E.	S. W.	Clear	Clear	Clear		4th. Wind light N. E., A. M.; nearly cloudless. Wind light S. W'ly, P. M.; clear. Day very fine.
5	30.07	30.04	30.04	65	78	69	70.7	S. W.	S. W'ly	N. W.	Variable	Clear	Clear		5th. Very pleasant; sun hot.
6	30.08	30.08	30.07	66	80	72	72.7	W'ly	S. W'ly	S. W.	Clear	Clear	Cloudy		6th. Clear A. M. Cloudy P M., with appearance of rain. Wind fresh S. W.
7	30.05	29.95	29.95	76	83	68	75.7	S. W.	S. W.	N. W.	Cloudy	Clear	Clear		7th. Rain in morning (light showers).
8	29.95	29.88	29.76	64	76	68	69.3	N'ly	S'ly	S'ly	Clear	Cloudy	Cloudy		8th. Very moderate rain from 3 to 6 P. M.
9	29.63	29.54	29.70	69	80	66	71.7	S. W.	S. W.	N. W.	Cloudy	Clear	Clear	0.10	9th. Foggy and thunder in morning; some rain. Cleared off about 10 A. M., or half clear. Wind changed about 3 P. M., and began to grow cooler.
10	29.81	29.83	29.90	58	76	66	66.7	W'ly	N. W.	N. W.	Clear	Clear	Clear		12th. Drizzling showers began about 10 A. M. Showery P. M. Heavy rain during the night.
11	30.01	30.03	30.05	63	76	70	69.7	N. W.	S. W.	S. W.	Clear	Clear	Clear		13th. Rain ceased from 5 to 6 A. M. Variable in morning. Clear in afternoon.
12	30.07	30.08	30.03	66	70	70	68.7	S'ly	S. W.	S. W.	Cloudy	Cloudy	Shower		14th. Cloudy for the most part. Clear and cool in evening.
13	30.06	30.08	30.15	63	74	65	67.3	N. W.	N. W.	E'ly	Rain	Clear	Clear		15th. Clear at 6 A. M. Clouds gathered pretty thick from 7 to 8 A. M. Cloudy P. M., and thick cloudy evening. Wind moderate N. E.
14	30.19	30.18	30.16	60	71	60	63.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Clear		16th. At 6 A. M., wind fresh N. E.; clouds rather broken. Began to sprinkle from noon to 1 P. M. Rather moderate rain afternoon and evening.
15	30.14	30.16	30.15	59	68	58	61.7	N. E.	N. E.	N. E.	Clear	Cloudy	Cloudy		17th. Wind light N. E. and N. E'ly all day. Occasional sunshine.
16	30.11	30.06	30.01	58	61	57	58.7	N. E.	E. N. E.	N. E'ly	Cloudy	Rain	Rain	0.90	18th. Wind light. Some mist and fog in morning. Variable through the day.
17	30.01	30.04	30.05	58	64	62	61.3	N. E.	N. E.	N. E'ly	Cloudy	Variable	Cloudy		19th. Calm morning and foggy. Cleared from 8 to 9 A. M. Wind light S. E'ly. Clear P. M.
18	30.06	30.04	30.04	60	73	65	66.0	N. E.	N. E.	N. E.	Cloudy	Variable	Variable	1.00	20th and 21st. Clear and warm.
19	30.05	30.04	30.04	65	75	64	68.0	N. E.	S. E'ly	S. W'ly	Foggy	Clear	Clear		22d. Very burning sun all day. Refreshing breeze in afternoon and evening.
20	30.05	29.95	29.92	62	76	67	68.3	S'ly	S. E.	S'ly	Clear	Clear	Clear		23d. Very burning sun all day.
21	29.92	29.89	29.90	67	80	72	73.0	W'ly	S'ly	S. W.	Clear	Clear	Clear		24th. Clear and hot.
22	29.89	29.86	29.86	70	85	70	75.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		25th. Burning sun nearly all day. Breeze moderate S. W.
23	29.86	29.86	29.90	70	84	71	75.0	S. W.	S. W.	S. W.	Clear	Variable	Clear		26th. Pleasant.
24	29.94	29.91	29.89	72	81	70	74.3	S. W.	S. E'ly	S. W.	Cloudy	Clear	Clear		27th. Very hot. Heavy cumulus clouds towards night; some thunder, but no rain. The abundance of high stratus clouds in the morning indicated rain to the west.
25	29.84	29.82	29.83	70	83	74	75.7	S. W.	S. W.	S. W.	Cloudy	Clear	Clear		28th. Light shower at 4 A. M. Pleasant and clear for the great part of the day.
26	29.87	29.89	29.85	68	80	69	72.3	N. W.	S. W.	S. W.	Clear	Clear	Clear		29th. Cold and cloudy, with wind N. E., all day.
27	29.77	29.72	29.69	72	85	76	77.7	S. W.	S. W.	S. W.	Variable	Clear	Clear		30th. Cold mist in morning. Began to rain from 10 to 12 A. M.; wind very fresh. Rain and wind very heavy P. M. and night; almost a gale.
28	29.77	29.83	29.97	68	74	60	66.7	N. W'ly	N. W'ly	W'ly	Cloudy	Clear	Clear		31st. Mist in morning; wind N'ly. Cloudy all day. Clear evening; wind N. W. Faint aurora at the north in early part of evening.
29	30.03	30.03	29.96	50	58	53	53.7	N.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		
30	29.98	29.86	29.77	53	53	50	52.0	E'ly	N. E.	N. E.	Rain	Rain	Rain	3.00	
31	29.64	29.90	30.04	51	64	54	56.3	N. W.	N. W.	N. W.	Rain	Cloudy	Clear		
Means	29.96	29.95	29.95	63.7	74.4	65.5	...	...	...	...	...	...	...	5.00	
REDUCED TO SEA LEVEL.															
Max.	30.37	30.36	30.34	76	85	76	77.7								
Min.	29.81	29.72	29.87	50	53	50	52.0								
Mean	30.14	30.13	30.13												
Range	0.56	0.64	0.47	26	32	26	25.7								
Mean of month		30.133		...	...	...	67.9								
Extreme range		0.65		...	...	...	35.0								

	Days.
S'ly & S. W'ly	14
W'ly & N. W'ly	6
N. E'ly & E'ly	11

	Days.
Clear	14
Variable	7
Cloudy	6
Rainy	4

September, 1839.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	30.15	30.20	30.20	50	69	58	59.0	N. W.	N. W.	E'ly	Clear	Clear	Clear		1st. Very pleasant; almost cloudless; cool.
2	30.21	30.19	30.18	53	74	64	63.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		2d. Very pleasant.
3	30.20	30.17	30.17	58	75	64	65.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		3d. Very pleasant. Brilliant aurora; first noticed a little after 9 P. M., radiating from almost all points of the horizon, but most brilliantly from N. E'ly and N. W'ly. Color varying from pretty deep red to white. A splendid corona was formed in the neck of the Swan.
4	30.17	30.14	30.10	62	76	65	67.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		4th. Very fine. Faint aurora at N., in evening.
5	30.00	29.87	29.80	65	75	66	68.7	S. E.	S. E.	S'ly	Cloudy	Cloudy	Clear		5th. Very damp; occasional rain. Clear even'g.
6	29.84	29.80	29.72	63	79	69	67.0	S. W.	S. W.	W'ly	Clear	Clear	Clear		6th. Very pleasant.
7	29.73	29.73	29.80	67	78	62	69.0	W.	S. E.	N. E.	Clear	Clear	Foggy		7th. Clear and very warm, with wind S'ly and W'ly till about 4 P. M., when it came to N. E., and grew cool very fast, and became foggy at sunset.
8	29.83	29.82	29.77	58	63	68	63.0	N. E.	N. E.	S. E.	Cl'dy, fog	Cloudy	Rain	1.38	8th. Wind N. E. Showery during the day, with thunder. Evening, wind S E. Rain during night.
9	29.73	29.72	29.64	68	78	71	72.3	S'ly	S. W.	S. W.	Cl'dy, fog	Variable	Clear		9th. Foggy and very sultry A. M. Hot sun towards night; wind light S. W'ly.
10	29.72	29.73	29.73	68	77	63	69.3	S. W.	W'ly	N. W.	Clear	Variable	Clear		10th. Clear and warm A. M. Var. P. M. Wind came more to N. W.; grew cooler. Clear evening.
11	29.79	29.78	29.86	55	70	55	60.0	N. W.	S. W.	N. W.	Clear	Clear	Clear		11th and 12th Pleasant.
12	29.89	29.89	29.89	51	69	56	58.7	W.	W'ly	N. W.	Clear	Clear	Clear		13th. Pleasant A. M. Var. P. M., with sprinkling of rain. Clear evening.
13	29.94	...	29.98	52	...	52	...	W.	...	N. W.	Clear	Variable	Clear		14th. Very pleasant. Aurora low in N., in evening—not brilliant; continued all night. At 3 A. M. (15th), luminous needles were shooting to the height of about 20°, and the merry-dancers playing upon them with great beauty.
14	30.20	30.20	30.27	45	66	52	54.3	N. W.	W'ly	S. W.	Clear	Clear	Clear		15th. Wind very light N. W. at sunrise; came to S. W. fresh, in morning; same in afternoon.
15	30.27	30.25	30.17	45	70	64	59.7	N. W.	S. W.	S. W.	Clear	Clear	Variable		16th. Wind S. W. Air very damp. A light shower from 10 to 11 P. M.
16	30.10	30.05	30.02	62	76	68	68.7	S. W.	S. W.	S. W.	Clear	Clear	Rain		17th. Pleasant.
17	29.95	29.92	29.93	66	75	66	69.0	N. E.	S. W.	S. W.	Foggy	Clear	Variable		18th. Rain early in morning. Variable P. M.
18	29.78	29.77	29.72	64	78	68	70.0	E'ly	S. W.	S. W.	Rain	Clear	Variable	0.45	19th, 20th, and 21st. Very pleasant.
19	29.70	29.69	29.89	62	74	62	66.0	W'ly	W'ly	W.	Clear	Clear	Clear		22d. Foggy morning; wind very light S. W. Fog cleared from 8 to 9 A. M. Wind very fresh P. M. and evening.
20	29.91	29.93	29.93	62	74	63	66.3	W.	W'ly	W.	Clear	Clear	Clear		23d. Pleasant. 24th. Very pleasant.
21	29.98	29.97	29.99	63	78	66	69.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		25th. Clear and pleasant A. M. Cloudy P. M. Sprinkling of rain in evening; wind fresh S. W.
22	29.95	29.83	29.76	63	78	66	69.0	S. W'ly	S. W.	S. W.	Foggy	Clear	Variable		26th. Cloudy and sprinkling of rain in morning; wind N. W. and raw. Cleared towards noon. Very blustering in afternoon. Barometer rose fast. Very cool evening.
23	29.59	29.60	...	64	73	...	...	W'ly	W'ly	...	Clear	Clear	...		27th. Frost in some places in the vicinity. Clear A. M. Variable P. M. Sprinkling in the evening. Wind S. W., very blustering. Rain during the night, and wind came to N. W.
24	29.70	29.71	29.71	50	66	58	58.0	N. W.	N. W.	S. W.	Clear	Clear	Clear		28th and 29th. Pleasant.
25	29.74	29.75	29.65	54	67	64	61.7	S. W.	S. W.	S. W.	Clear	Cloudy	Cloudy		30th. Cloudy, with some sprinkling of rain in afternoon.
26	29.56	29.55	29.85	54	59	47	53.3	N. W.	W'ly	N. W.	Cloudy	Variable	Clear		
27	29.93	29.82	29.86	40	64	63	55.7	N. W.	N. W.	S. W.	Clear	Clear	Cl'dy, r'n		
28	29.94	29.95	30.00	41	54	44	46.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
29	30.01	30.00	30.04	40	59	48	49.0	N. W.	N. W.	S. W'ly	Variable	Clear	Clear		
30	30.07	30.07	30.13	42	56	48	48.7	N. W.	N. W.	N. W.	Variable	Cloudy	Clear		
Means	29.92	29.90	29.92	56.2	70.7	60.7	...	...	...	...	...	...	...	1.83	
REDUCED TO SEA LEVEL.															
Max.	30.45	30.43	30.45	68	79	69	72.3								
Min.	29.74	29.73	29.82	40	54	44	46.3								
Mean	30.10	30.08	30.10												
Range	0.71	0.70	0.63	28	25	25	26.0								
Mean of month		30.093		...	...	...	62.5								
Extreme range		0.72		...	...	...	39.0								

	Days.
S'ly & S. W'ly	12
W'ly & N. W'ly	14
N. E'ly & E'ly	4

	Days.
Clear	15
Variable	10
Cloudy	3
Rainy	2

October, 1839.

DAYS.	BAROMETER, REDUCED TO 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. Sunrise.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
1	30.21	30.21	30.21	39	58	46	47.7	N. W.	N. W.	S. W.	Clear	Clear	Variable		1st, 2d, and 3d. Pleasant.
2	30.11	30.00	29.90	40	64	56	53.3	N. W.	W.	S. W.	Clear	Clear	Variable		
3	29.80	29.70	29.58	53	70	63	62.0	W.	S. W.	S. W.	Clear	Clear	Cloudy		
4	29.74	29.73	30.10	56	64	42	54.0	S. W'ly	N. W.	N. W.	Clear	Clear	Clear		4th. Pleasant. Cool towards night.
5	30.32	30.40	30.50	34	56	36	42.0	N'ly	N'ly	N. E.	Clear	Clear	Clear		5th. Pleasant. First white frost in the College yard.
6	30.56	30.55	30.53	32½	55	44	43.8	N'ly	E'ly	S. E.	Clear	Clear	Clear		6th and 7th. Copious white frost. Pleasant day.
7	30.42	30.36	30.27	37	62	51	50·0	W'ly	S. W.	S. W.	Clear	Variable	Variable		
8	30.17	30.10	30.11	44	68	54	55.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		8th and 9th. Very pleasant.
9	30.04	29.98	29.95	53	65	55	57.7	N. E.	N. E.	N. E.	Variable	Clear	Clear		
10	29.88	...	29.93	52	...	63	...	N. E.	...	N. W.	Variable	...	Clear		10th and 11th. Mild and pleasant.
11	30.13	30.13	30.15	47	63	50	53.3	N. W.	N. W.	S. W'ly	Clear	Clear	Variable		
12	30.12	30.11	30.00	48	57	52	52.3	E'ly	S. E.	S. E'ly	Variable	Cloudy	Rain	0.25	12th. Cloudy P. M., with rain in evening.
13	29.85	29.85	29.84	58	70	62	63.3	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		13th. Cloudy and sultry.
14	29.87	29.90	29.91	56	54	51	53.7	E'ly	N. E'ly	N. E.	Rain	Rain	Rain	} 2.60	14th. Rainy day. In morning, wind E'ly and warm; hauled more to N. E., and grew colder.
15	29.97	30.02	30.10	48	48	49	48.3	N. E.	N. E.	N. E.	Rain	Rain	Variable		15th. Rain all day. Clouds broken and partially clear in the evening.
16	30.22	30.23	30.27	46	62	48	52.0	N. W.	S. W.	S. W.	Clear	Clear	Clear		16th. Beautiful day. Very clear and mild.
17	30.28	30.20	30.16	44	64	52	53.3	N. W.	S. E'ly	S'ly	Clear	Clear	Clear		17th and 18th. Very pleasant.
18	30.16	30.09	30.05	48	70	56	58.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		
19	29.94	29.81	29.83	60	66	56	60.7	S. W.	S. W.	N. E.	Rain	Rain	Rain	0.90	19th. Moderate rain all day. Wind light S. W. and very warm. From 9 to 10 P. M., wind came to N. E, and became blustering and cooler.
20	30.12	30.30	30.45	38	40	33	37.0	N'ly	N'ly	N. E.	Cloudy	Cloudy	Clear		20th. Cloudy till near night. Wind N'ly and N. E'ly, very raw and cold.
21	30.57	30.57	30.57	27	42	31	33.3	N. E'ly	N. E.	N. E.	Clear	Clear	Clear		21st. Pleasant, but cool.
22	30.49	30.43	30.40	26	48	40	38.0	N. E.	S. E'ly	S. W.	Clear	Clear	Clear		22d, 23d, 24th, 25th, 26th, and 27th. Very pleasant.
23	30.34	30.20	30.12	40	59	52	50.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		
24	29.90	29.83	29.89	52	72	59	61.0	S. W.	S. W.	W'ly	Clear	Clear	Clear		
25	30.07	30.12	30.20	44	59	44	49.0	N. W.	N. W.	W'ly	Clear	Clear	Clear		
26	30.22	30.21	30.18	38	57	46	47.0	N. W.	S. W.	S. E.	Clear	Clear	Clear		
27	30.08	29.99	30.00	51	66	52	56.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		
28	29.90	29.78	29.81	52	66	58	58.7	S. W.	S. W.	S. W.	Cloudy	Cloudy	Clear		28th. Cloudy in morning; sun very red in afternoon. Clear in evening.
29	29.89	29.86	29.83	44	68	48	53.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		29th and 30th. Very pleasant.
30	29.80	29.72	29.68	42	56	48	48.7	W'ly	S. W.	S. W.	Clear	Clear	Cloudy		
31	29.67	29.64	29.74	43	51	46	46.7	N. W.	N. E.	N. E.	Cloudy	Variable	Cloudy		31st. Cloudy for the most part. Mild.
Means	30.09	30.07	30.07	44.9	60.0	49.8	...	...	...	...	...	...	...	3.75	
REDUCED TO SEA LEVEL.															
Max.	30.75	30.75	30.75	60	72	63	63.0								
Min.	29.85	29.82	29.76	26	40	31	33.3								
Mean	30.27	30.25	30.25												
Range	0.90	0.93	0.99	34	32	32	29.7								
Mean of month			30.257	...	...	...	51.5								
Extreme range			0.99	...	...	...	46.0								

	Days.
S'ly & S. W'ly	13
W'ly & N. W'ly	6
N. E'ly & E'ly	12

	Days.
Clear	20
Variable	4
Cloudy	3
Rainy	4

November, 1839.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.75	29.74	29.81	43	46	41	43.3	N. W.	N. W.	N. W.	Variable	Variable	Cloudy		1st. Sprinkling of rain in the morning. Variable during the day. Sprinkling of rain at night. Air raw.
2	29.87	29.89	29.92	36	43	38	39.0	N. W.	N. E.	N. E.	Clear	Variable	Cloudy		2d. Weather raw and cold.
3	29.99	29.97	30.00	36	42	37	38.3	N'ly	N. E'ly	N. E.	Cloudy	Cloudy	Cloudy		3d. Cloudy and raw.
4	30.00	29.97	29.99	29	44	32	35.0	N. E.	N. E.	N. E.	Clear	Clear	Clear		4th. Clear and cool.
5	29.96	29.92	29.69	26	50	41	39.0	N. E.	S. E.	E'ly	Clear	Clear	Rain	} 1.00	5th. Clear in morning. Variable in afternoon, with wind S. E'ly Wind increased in the evening, with rain.
6	29.43	29.34	29.36	48	57	42	49.0	S. E'ly	S. W.	N. W.	Rain	Clear	Clear		6th. At sunrise, wind E'ly, with some rain; soon came round, for a short time, to N'ly and N. W'ly; then fell back to E'ly; then S'ly and S. W., and cleared before noon.
7	29.40	29.39	29.43	36	50	40	42.0	N. W.	W'ly	W'ly	Clear	Clear	Cloudy		7th and 8th. Pleasant.
8	29.49	29.48	29.75	34	47	37	39.3	N. W'ly	N. W'ly	N. W.	Clear	Variable	Clear		9th. Raw and cold.
9	29.82	29.81	29.88	32	41	34	35.7	N. W.	N. W'ly	N. W.	Variable	Clear	Variable		10th. Cool. Variable day. Clear evening.
10	29.89	29.92	29.98	30	37	30	32.3	N. W.	N. W.	N. W.	Variable	Variable	Clear		11th. Pleasant.
11	30.04	30.04	30.08	27	43	31	33.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		12th and 13th. Very pleasant.
12	30.09	30.06	30.06	28	47	34	36.3	N. E.	N. E.	N. E.	Clear	Clear	Clear		
13	30.03	29.99	30.02	34	48	38	40.0	N. E.	S. E'ly	E'ly	Cloudy	Variable	Clear		
14	29.97	29.92	29.82	38	50	57	48.3	N. E.	N. E.	S. E'ly	Cloudy	Rain	Rain	0.35	14th. Cloudy in morning. Moderate rain in afternoon and evening.
15	29.77	...	29.77	57	...	57	...	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		15th. Warm and cloudy, with occasional sprinkling of rain.
16	30.03	30.05	30.15	41	50	38	43.0	N. W.	N. W.	W'ly	Cloudy	Clear	Clear		16th. Very fine day; air very clear. The planet Venus easily seen at mid-day with the naked eye.
17	30.17	30.09	29.92	35	47	44	42.0	N. W.	N. W.	S. W.	Clear	Clear	Cloudy		17th. Very pleasant in morning. Cloudy in afternoon, and sprinkling of rain in evening.
18	29.74	29.67	29.63	40	46	38	41.3	N. W.	N. W'ly	W'ly	Clear	Clear	Clear		18th and 19th. Very pleasant.
19	29.42	29.41	29.50	34	45	34	37.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		20th. Clear and blustering. Wintery.
20	29.57	29.56	29.75	29	36	26	23.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		21st. Clear and cold. Very wintery.
21	29.90	29.93	30.21	22	27	20	23.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		22d. Clear and cold.
22	30.38	30.45	30.55	19	30	18	22.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		23d. Clear and pleasant, and more moderate. Wind changed from N. W. to S. W. in afternoon.
23	30.57	30.55	30.56	17	34	27	26.0	N. W.	N. W.	S. W'ly	Clear	Clear	Clear		24th. Cloudy in morning, with wind S. E'ly, light. Rain from 11 to 12 A. M. Intervals of moderate rain in afternoon and evening, with wind increasing.
24	30.50	30.43	30.13	31	41	46	39.3	S. E.	S. E.	S'ly	Cloudy	Rain	Rain	} 0.95	25th. Rain in morning, with wind S. E., early; then S. W. From 2 to 3 P. M., wind came to W'ly, and rain ceased. Clouds broke away at sunset, and evening very clear, with wind fresh W'ly.
25	29.83	29.67	29.82	52	54	34	46.7	S. E.	S. W.	W'ly	Rain	Rain	Clear		26th. Clear and cold. Wind fresh.
26	30.08	30.12	30.24	16	23	19	19.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		27th. Variable in morning and afternoon. Clear in evening.
27	30.24	30.20	30.20	23	33	32	29.3	S. W.	S. W.	S. W.	Variable	Variable	Clear		28th. Variable; mostly cloudy, but mild. Clear in evening.
28	30.19	30.20	30.20	30	41	32	34.3	S. W.	S. W.	W'ly	Variable	Cloudy	Clear		29th. Mild and pleasant.
29	30.19	30.16	30.17	26	44	34	34.7	N. W.	N. W'ly	N'ly	Clear	Variable	Clear		30th. Very mild and pleasant.
30	30.15	30.13	30.13	30	44	36	36.7	N. W'ly	N. W'ly	N. W.	Clear	Clear	Clear		
Means	29.95	29.93	29.96	32.6	42.8	35.9	...	...	...	...	...	...	...	2.30	
REDUCED TO SEA LEVEL.															
Max.	30.75	30.73	30.74	57	57	57	57.0								
Min.	29.58	29.59	29.54	16	23	18	19.3								
Mean	30.13	30.11	30.14												
Range	1.17	1.14	1.20	41	34	39	37.7								
Mean of month			30.127	...	...	...	37.1								
Extreme range			1.21	...	...	...	41.0								

	Days.
S'ly & S. W'ly	7
W'ly & N. W'ly	15
N. E'ly & E'ly	8

	Days.
Clear	13
Variable	9
Cloudy	3
Rainy	5

December, 1839.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.09	30.03	30.03	37	44	41	40.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		1st. Cloudy. Wind N. E.; very fresh in evening.
2	30.04	30.04	30.07	40	42	40	40.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		2d. Wind fresh all day. Thick clouds.
3	30.03	29.94	29.90	40	40	40	40.0	N. E.	N. E.	N. E.	Cloudy	Misty	Cloudy		3d. Wind fresh all day, with some mist.
4	29.91	29.74	29.80	40	45	43	42.7	N. E.	N. E.	N. E.	Cloudy	Variable	Variable		4th. Wind fresh all day. Stars out in evening.
5	29.74	29.69	29.90	36	48	42	42.0	N. E.	N. E.	N. E.	Clear	Clear	Clear		5th. Wind fresh all day. Mostly clear.
6	29.98	29.96	30.02	37	49	37	41.0	N. E.	N. E.	N. E.	Clear	Clear	Cloudy		6th. Very mild and pleasant.
7	29.95	29.92	29.95	38	46	42	42.0	N. E.	N. E.	E.	Cloudy	Cloudy	Cloudy		7th. Cloudy. Wind E., P. M., with sprinkling of rain in evening.
8	29.88	29.76	29.71	42	46	44	44.0	N. E.	N. E.	N. E.	Misty	Rain	Rain	0.80	8th. Mist in morning. Moderate rain began from 11 to 12 A. M.; continued through P. M. and night.
9	29.53	29.23	29.06	41	43	40	41.3	N. E.	N. E.	N. W.	Cloudy	Misty	Cloudy		Wind light N. E. Frost all out of the ground for a week past.
10	29.55	29.57	29.65	34	42	33	36.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		9th. Misty A. M. Cloudy P. M. From 6 to 8 P. M., wind came to S'ly and S. W'ly, with lightning and rain. At 9 P. M., wind W'ly; rain over,
11	29.73	29.75	29.78	31	41	34	35.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		10th and 11th. Mild and pleasant.
12	...	29.22	29.40	46	49	36	43.7	S. E'ly	S. W.	W'ly	Rain	Variable	Clear	1.50	12th. Heavy rain till 10 to 11 A. M.; wind S. E'ly. Cloudy P. M. Clear evening; wind brisk W'ly.
13	29.57	29.73	29.87	33	38	31	34.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		13th. Wind very high and blustering A. M.
14	29.98	29.98	29.91	28	36	30	31.3	N. W'ly	N. W.	N. E.	Clear	Clear	Cloudy		14th. Mild; wind N. W'ly. Evening very hazy.
15	29.49	29.11	29.05	32	32	32	32.0	N. E.	N. E.	N. E.	Snow	Snow	Cloudy	1.50	Moon at first surrounded by a bow, and then shining but dimly through dense vapor.
16	29.15	29.19	29.47	28	31	28	29.0	N'ly	N'ly	N'ly	Snow	Snow	Variable		15th. At daylight, moist snow falling fast—wind brisk N. E —continuing till 2 P. M. Bar. at 4 P. M., 29.05; stationary till near 7 P. M., when it began to rise slowly. No frost in the ground.
17	29.70	29.74	29.89	24	29	17	23.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		16th. Additional snow in morning. Air full of snow during day, without much accumulation.
18	29.82	29.81	29.82	14	28	13	18.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		17th and 18th. Very pleasant.
19	29.82	29.86	29.94	7	20	7	11.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		19th. Wind moderate N. W. Cold, but pleasant. Very clear.
20	29.96	29.92	29.92	4	17	14	11.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		20th. Wind moderate N. W. Cold, but evening more mild. Very clear.
21	29.93	29.91	30.00	12	26	17	18.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		21st. Very calm in morning. Pleasant all day.
22	29.97	29.86	29.63	17	30	32	26.3	N. E.	E'ly	E'ly	Clear	Variable	Cloudy		22d. Wind light N. E. in morning; before noon, came nearly to E., and freshened; quite fresh in evening.
23	29.53	29.51	29.67	30	26	26	27.3	N. E.	N. E.	N. E.	Snow	Snow	Cloudy	0.20	23d. Wind fresh N. E. Air full of snow, which fell about 2 or 3 inches deep.
24	29.77	29.80	29.84	27	35	27	29.7	N. E.	N'ly	N. E.	Cloudy	Cloudy	Cloudy		24th. Very mild.
25	29.85	29.90	29.99	26	32	20	26.0	N'ly	N. W.	N. W.	Cloudy	Clear	Clear		25th. Cloudy at sunrise; wind N'ly. Cleared from 10 to 11 A. M. Very mild and pleasant.
26	30.06	30.10	30.14	15	29	22	22.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		26th. Pleasant.
27	30.16	30.10	29.63	20	34	35	29.7	N. W.	E'ly	S. E'ly	Clear	Variable	Rain	1.12	27th. Wind E'ly, P. M. Cloudy towards night; wind more to S. E., and very heavy, with heavy rain in the night, beginning about 10 P. M.
28	28.90	28.61	28.64	35	39	33	35.7	S'ly	S'ly	W'ly	Variable	Cloudy	Clear		28th. Clouds broken in morning. Vanes pointing E'ly, but the clouds coming from S'ly. Bar. very low in the morning; continued to sink till 5 to 6 P. M., when it stood at 28.63. Clear evening; wind fresh W'ly.
29	28.85	28.87	29.00	27	29	21	25.7	W'ly	W'ly	W'ly	Variable	Clear	Clear		29th. Blustering.
30	29.30	29.36	29.66	13	17	15	15.0	W'ly	N. W.	N. W.	Clear	Clear	Clear		30th. Blustering, and severe to be out.
31	29.88	29.91	29.97	10	20	9	13.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		31st. Clear and cold, yet with some clouds.
Means	29.74	29.68	29.72	27.9	34.9	29.1	...	...	...	...	...	...	...	5.12	
REDUCED TO SEA LEVEL.															
Max.	30.34	30.28	30.25	40	49	44	44.0								
Min.	29.03	28.79	28.82	4	17	7	11.3								
Mean	29.92	29.86	29.90												
Range	1.31	1.49	0.43	36	32	37	32.7								
Mean of month			29.713	...	...	...	30.6								
Extreme range			1.55	...	...	...	45.0								

	Days.
S'ly & S. W'ly	6
W'ly & N. W'ly	10
N. E'ly & E'ly	15

	Days.
Clear	15
Variable	5
Cloudy	6
Rain and snow	6

January, 1840.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.88	29.84	29.80	2	9	2	4.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		1st. Wind brisk N. W. Very cold.
2	29.75	29.68	29.75	—3	10	7	4.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		2d. Wind moderate. Very cold.
3	29.79	29.77	29.77	4	18	8	10.0	N. W.	W'ly	W'ly	Clear	Clear	Clear		3d. Wind moderate; N. W., A. M.; W'ly, P. M. Aurora in evening considerably bright; was noticed from 5 to 6 A. M. next day.
4	29.75	29.72	29.73	12	22	15	16.3	W'ly	S. W'ly	N. W.	Clear	Clear	Clear		4th. Wind moderate W'ly and S. W'ly during day. At night, came more to N.W., and increased. Aurora quite bright, with occasional corruscations.
5	29.70	29.66	29.67	14	26	22	20.7	W'ly	W'ly	W. by S.	Clear	Clear	Clear		5th. More moderate. Aurora as before.
6	29.69	29.71	29.82	20	32	17	23.0	W. by S.	W. by S.	N. W.	Clear	Variable	Clear		6th, 7th, 8th, 9th, and 10th. Very pleasant.
7	29.84	29.84	29.86	16	29	17	20.7	N. W.	N. W'ly	N. W.	Clear	Clear	Clear		11th. Snowed gently, with wind light N. E.
8	29.80	29.66	29.72	14	29	18	20.3	N. W.	N'ly	N. W.	Variable	Clear	Clear		12th. Raw and cold.
9	29.80	29.79	29.69	14	32	24	23.3	N. W.	N. W.	S. W'ly	Clear	Clear	Clear		13th. Cloudy at sunrise; wind W'ly. Came to S. W'ly, and snowed moderately from 10 A. M. to 3 P. M. Clear evening; wind light W'ly; pleasant.
10	29.66	29.62	29.64	22	34	31	29.0	N. W'ly	N. W.	N. W.	Clear	Clear	Variable		14th. Mostly clear A. M.; wind light W'ly. Cloudy P. M.; wind more to S. W. Began to snow moderately about 7 P. M.
11	29.74	29.77	29.86	30	28	20	26.0	N. E	N. E.	N. E.	Snow	Snow	Cloudy	0.10	15th. An inch of light snow on ground. Clouds broken. Wind came to N. W. before noon. Colder towards night. Moon dimly seen through clouds.
12	29.89	29.90	29.99	12	16	14	14.0	N. E.	N'ly	N'ly	Cloudy	Cloudy	Cloudy		16th. Very cold, but still, and not unpleasant.
13	29.85	29.71	29.72	18	26	22	22.0	W'ly	S. W.	W'ly	Cloudy	Snow	Clear	0.15	17th. Very clear, with light W'ly winds.
14	29.62	29.52	29.43	20	33	30	27.7	W'ly	W'ly	S. W.	Clear	Variable	Snow		18th. Wind light and variable A. M., with some clouds. Clear P. M.; wind N. W'ly. Thermometers in the street fell to —9°, —10°, and —11°. It has been very still for two or three days.
15	29.36	29.31	29.41	22	27	8	19.0	S. W.	N. W.	N. W.	Cloudy	Cloudy	Cloudy		19th. Very pleasant. Wind a little fresh towards night, about W. S. W., and cloudy evening.
16	29.67	29.70	29.82	—4	6	—3	—0.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		20th. Mostly clear. Wind W. S. W. to W. N. W.
17	29.90	29.87	29.88	—4	9	2	2.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		21st. Mild. Wind W'ly; frequent clouds. Towards night, wind came more to N. W.; cleared.
18	29.89	29.83	29.87	—2	11	4	4.3	W'ly	N. W.	N. W.	Clear	Clear	Clear		22d. Cloudy A. M.; wind light N. E'ly. Moderate snow all day and even'g, beginning about 10 A. M.
19	29.90	29.88	29.73	7	24	21	17.3	W'ly	S. W'ly	S. W'ly	Clear	Clear	Cloudy		23d. At sunrise, wind light N. E'ly; raining. Rain ceased about 11 A. M.; wind came to N'ly, and soon to N. W. Cloudy P. M. Clear evening.
20	29.78	29.74	29.73	21	32	26	29.7	W'ly	W'ly	W'ly	Cloudy	Clear	Variable		24th. Clear, and rather severe wind, varying from W. S. W. to W. N. W.
21	29.59	29.60	29.84	30	40	25	31.7	S. W'ly	W'ly	N. W'ly	Variable	Cloudy	Clear		25th. Cold.
22	29.93	29.84	29.71	14	19	28	20.3	N. E'ly	N. E'ly	N. E.	Cloudy	Snow	Snow		26th. Cold, but not severe, wind being light.
23	28.96	28.91	29.36	34	29	22	28.3	N. E.	N. W.	N. W.	Rain	Cloudy	Clear	1.75	27th. Cloudy A. M. and P. M. Clear evening.
24	29.67	29.75	29.91	9	16	10	11.7	S. W'ly	W'ly	W'ly	Clear	Clear	Clear		28th. Cloudy A. M. Began to snow moderately from 10 to 11 A. M.; wind light N. W'ly. In afternoon, wind came to N. E., then to E'ly; snow continued; wind very light.
25	30.06	30.04	30.10	6	18	11	11.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		28th. Sprinkling of rain in morning, on 1½ or 2 inches of fresh snow. Mist through the day, with occasional sprinkling of rain. Rain during night.
26	30.20	30.25	30.27	6	15	9	10.0	W'ly	W'ly	N. W.	Clear	Clear	Clear		30th. Wind N. E'ly, light. Mist all day, with occasional sprinkling. Thunder and lightning from 8 to 9 P. M. Cleared, with wind W'ly about 11 P. M. Aurora in the north.
27	30.20	30.13	30.17	14	22	14	16.7	N. W.	W'ly	W'ly	Cloudy	Cloudy	Clear		31st. Pleasant.
28	30.19	30.11	29.96	14	24	22	20.0	N. W.	N. W.	E'ly	Cloudy	Snow	Cloudy	0.80	
29	29.89	29.84	29.66	28	38	33	33.0	E'ly	S. E.	S. E'ly	Sprink'g	Misty	M't & r'n		
30	29.46	29.31	29.10	33	37	40	36.7	N. E'ly	N. E.	W'ly	Misty	Misty	Cloudy		
31	29.62	29.75	29.96	26	31	24	27.0	W'ly	W'ly	W'ly	Clear	Clear	Variable		
Means	29.77	29.74	29.77	14.5	23.9	17.5	...	...	...	...	...	...	...	2.80	
REDUCED TO SEA LEVEL.															
Max.	30.38	30.43	30.45	34	38	40	36.7								
Min.	29.54	29.49	29.28	—4	6	—3	—0.3								
Mean	29.95	29.92	29.95												
Range	0.84	0.94	1.17	38	32	43	37.0								
Mean of month			29.940	...	...	...	18.6								
Extreme range			1.17	...	...	...	44.0								

	Days.
S'ly & S. W'ly	13
W'ly & N. W'ly	12
N. E'ly & E'ly	6

	Days.
Clear	13
Variable	8
Cloudy	4
Rainy	6

February, 1840.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.02	29.95	30.03	24	21	18	21.0	W'ly	N. E.	N. W.	Snow	Snow	Clear		1st. In the morning, wind light, a little S of W., with gentle snow. Before noon, wind came to about N. N. E, and snow continued during the day. Cleared from 8 to 9 P. M. About 3 inches of light dry snow.
2	30.08	30.04	29.87	10	25	14	16.3	N. W.	N. W.	S. W.	Clear	Clear	Clear		2d. Very pleasant.
3	29.67	29.70	29.77	10	22	11	14.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		3d. Clear, but cold, with wind brisk at N. W.
4	29.89	29.93	30.12	0	5	0	1.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		4th. Very piercing wind at N W. Cold severe
5	30.20	30.17	30.11	—5	20	24	13.7	W'ly	S. W'ly	S. W.	Clear	Variable	Variable		5th. Cold in the morning, but not severe, the wind being light W'ly.
6	30.08	30.04	30.00	24	37	38	33.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		6th. Very mild and pleasant. Wind increasing at 10 P. M. at S. W.
7	29.81	29.89	30.04	42	48	34	41.3	S. W.	W'ly	W'ly	Rain	Clear	Clear		
8	29.95	29.83	29.79	29	36	35	33.3	S'ly	N'ly	N. E'ly	Rain	Misty	Misty	1.55	
9	29.80	29.73	29.65	35	44	35	38.0	N. E'ly	W'ly	N. E'ly	Foggy	Variable	Rain		7th. Moderate rain from sunrise till 10 A. M; wind S. W. Wind came more to W., and cleared about noon. Aurora considerably bright in the evening.
10	29.41	29.29	29.23	35	42	39	38.7	N. E'ly	N. E'ly	S. W'ly	Foggy	Foggy	Foggy		
11	29.43	29.46	29.56	34	32	26	30.7	N'ly	N'ly	N. W.	Cloudy	Clear	Clear		
12	29.75	29.76	29.87	19	33	32	28.0	N. W.	N. W.	W'ly	Clear	Clear	Clear		
13	29.82	29.90	30.20	32	43	31	35.3	W'ly	N. W.	N. W.	Variable	Variable	Clear		8th. Wind variable. Light rain in the morning Mist in the afternoon.
14	30.30	30.18	29.65	29	36	42	35.7	N. E.	E'ly	S. E.	Cloudy	Cloudy	Rain	0.50	9th. Foggy in morning. Variable in afternoon; sun out at intervals. Pretty heavy rain in evening.
15	29.46	29.79	30.09	36	34	24	31.3	N. W.	N. W.	N. W.	Cloudy	Clear	Clear		10th. Mist and fog all day. Wind very light N. E'ly in morning, and S. W'ly in afternoon. Shower in evening.
16	30.30	30.27	30.25	17	29	25	23.7	N. W.	N. W.	S'ly	Clear	Clear	Clear		
17	30.08	30.06	30.13	29	48	36	37.7	S. W'ly	W'ly	W'ly	Clear	Clear	Clear		
18	30.21	30.19	30.12	30	44	38	37.3	N. E'ly	N. E.	E'ly	Cloudy	Cloudy	Cloudy		
19	30.07	30.02	30.02	36	51	39	42.0	E'ly	S'ly	S. E'ly	Foggy	Variable	Foggy		11th. Cloudy until evening, with wind blustering at N'ly, a little W. Cleared in the evening; wind very fresh N. W.
20	29.95	29.84	29.67	36	61	52	49.7	S. W.	S. W.	S. W.	Variable	Clear	Cloudy		12th. Very pleasant.
21	29 91	30.08	30.22	46	51	35	44.0	S. W.	N. W.	N. W.	Clear	Clear	Clear		13th. Very mild. Variable day. Clear evening.
22	30.17	30.08	29.92	29	48	42	39.7	N'ly	S'ly	S. W.	Variable	Clear	Cloudy		14th. At sunrise, wind moderate N. E.; cloudy. Before noon, wind came to E., and then to S E., with sprinkling of rain in afternoon. Rain, with heavy wind at S. E, in the evening.
23	29.78	29.73	29.58	52	57	50	53.0	S ly	S'ly	S. W'ly	Cloudy	Cloudy	Variable		
24	29.67	29.73	29.78	42	40	31	37.7	N. W.	N. W.	N. W.	Cloudy	Cloudy	Variable		
25	29.78	29.77	29.80	26	34	28	29.3	N. W.	W'ly	S. W.	Variable	Snow	Clear		15th. At sunrise, wind brisk at N. W., barometer rising, and some rain. Very blustering during day. River opened by cutting through the ice.
26	29.79	29.63	29.57	26	45	40	37.0	S'ly	S. W'ly	S. W'ly	Variable	Variable	Variable		16th. Pleasant. 17th. Very pleasant.
27	29.81	29.85	29.97	36	34	32	34.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		18th. Mild. Wind light N'ly and N. E'ly in morning; then E'ly in afternoon and evening.
28	29.94	29.85	29.75	32	40	40	37.3	N. E.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		
29	29.88	29.88	29.86	36	44	37	39.0	N. W'ly	N. W.	N. W.	Clear	Clear	Clear		19th. Very mild. Sun out in middle of day.
Means	29.90	29.88	29.88	28.5	38.1	32.0	...	...	...	...	...	...	...	2.05	20th. Very mild. Wind brisk S. W. in evening
REDUCED TO SEA LEVEL.															21st and 22d. Very pleasant.
Max.	30.48	30.45	30.43	52	61	52	49.7								23d. Mild and pleasant morning. Rather raw afternoon, with cool fog from S'ly towards night.
Min.	29.59	29.47	29.41	—5	5	0	1.7								24th. Mild, without much sun
Mean	30.08	30.06	30.06												25th. Very moderate snow from 9 A. M. till 1 P. M.; wind W'ly. Cleared towards night; wind more S. W'ly.
Range	0.89	0.98	1.02	57	56	52	48.0								26th. Mild; cloudy for the most part.
Mean of month			30.067	...	...	...	32.9								27th. Some snow and rain in morning. Cloudy in afternoon and evening.
Extreme range			1.07	...	...	...	66.0								28th. Mild and cloudy.

Prevailing winds from some point between—

	Days.
N. & E.	7
E. & S.	1
S. & W.	9
W. & N.	12

	Days.
Clear	11
Variable	7
Cloudy	6
Rain or snow fell on	5

29th. Pleasant. Frost generally out of ground.

March, 1840.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.89	29.86	29.74	35	44	37	38.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Rain		1st. Cloudy, with wind moderate N. E. Moderate rain began from 8 to 9 P. M.; soon ceased.
2	29.64	29.63	29.72	36	49	44	43.0	W'ly	S. E.	S'ly	Cloudy	Clear	Clear		2d. Very pleasant.
3	29.73	29.64	29.57	34	48	44	42.0	S. W.	S. W.	S'ly	Clear	Cloudy	Rain		3d. Wind light S.W'ly Quite cloudy. Moderate rain began from 9 to 10 P. M.; wind light S'ly.
4	29.42	29.30	29.16	44	68	44	52.0	S'ly	S. W.	S. W.	Cloudy	Variable	Clear		4th. Very warm. Sky a good deal covered. Thunder from 11 to 12 P. M., and frequent lightning during the night, with some rain.
5	29.11	29.13	29.27	44	44	32	40.0	N. W.	N. W.	N. W.	Variable	Clear	Clear		5th. Very blustering. Evening clear, with diffused aurora, low, and somewhat bright.
6	29.40	29.21	29.26	29	48	42	39.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		6th. Blustering; wind N. W.
7	29.39	29.11	29.50	33	37	14	28.0	N. W.	W'ly	N. W.	Clear	Variable	Clear		7th. Very blustering; frequent clouds, with occasional rain. Flurry of snow from 2 to 3 P. M. Wind hauled from W'ly to N. W.; grew colder.
8	29.66	29.64	29.50	8	31	27	22.0	N. W.	N. W.	S. W.	Clear	Clear	Clear		8th Severe cold and piercing wind in morning.
9	29.25	29.12	29.19	31	43	36	36.7	S. W.	S. W.	S. W.	Variable	Variable	Clear		9th. Mild.
10	29.24	29.09	29.32	34	55	27	38.7	S. W.	S'ly	N. W.	Cloudy	Variable	Clear		10th. Variable; mild. From 3 to 5 P. M, wind changed from S. W. to N. W., and grew colder.
11	29.46	29.49	29.71	18	26	21	21.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		11th. Cold rather severe. Wind brisk N. W.
12	29.81	29.77	29.74	18	37	25	26.7	N. W.	W'ly	N. W.	Variable	Variable	Clear		12th. Wind moderate W'ly.
13	29.66	29.64	29.79	23	32	30	28.3	N. W.	N. W'ly	N. W.	Variable	Clear	Clear		13th. Rather raw.
14	29.89	29.88	29.94	25	38	27	30.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		14th. Cool, but pleasant.
15	29.82	29.64	29.50	25	36	33	31.3	S. W'ly	S. W.	S. W.	Clear	Snow	Cloudy		14th Clear at sunrise, with wind light S. W'ly. Clouded up before noon, and began to snow very moderately, which continued till evening.
16	29.60	29.61	29.68	31	44	33	36.0	N. W.	N. W.	S. W.	Clear	Clear	Clear		16th. Very pleasant.
17	29.58	29.44	29.59	32	32	32	32.0	S. E'ly	N. E.	N. E.	Cloudy	Snow	Cloudy	0.15	17th. At sunrise, wind light S. E'ly; before 10 A. M, came to N. E., and began to snow moderately, which continued till night without gaining much on the ground.
18	29.79	29.82	29.86	28	45	38	37.0	N. W.	S'ly	S. E'ly	Clear	Clear	Cloudy		
19	29.88	29.84	29.78	30	51	40	40.3	S. W.	S. E'ly	S. E'ly	Clear	Clear	Cloudy		
20	29.80	29.79	29.79	34	43	41	39.3	N. E'ly	N. E'ly	S. E'ly	Rain	Cloudy	Cloudy	1.00	
21	29.80	29.76	29.84	41	48	32	40.3	N. W'ly	N. W.	N. W.	Cloudy	Clear	Clear		
22	29.99	30.00	30.00	24	32	27	27.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
23	30.04	29.98	29.94	24	43	32	33.0	N. E.	S. E.	N. E.	Cloudy	Cloudy	Cloudy		18th. Pleasant. Ground covered with snow in the morning, which disappeared before noon.
24	29.74	29.44	29.13	31	30	28	29.7	E'ly	E'ly	N. E.	Cloudy	Snow	Sn. & h'l	0.75	19th. Pleasant.
25	29.25	29.29	29.54	25	35	28	29.3	N. N. E.	N. N. E.	N'ly	Cloudy	Cloudy	Clear		20th. Mild. Cloudy for the most part.
26	29.36	29.40	29.61	22	34	28	28.0	N.	N. W.	N. W.	Cloudy	Clear	Clear		21st. Pleasant.
27	29.80	29.79	29.85	30	49	40	39.7	W'ly	S. W.	S. W.	Clear	Clear	Clear		22d. Very clear, but blustering wind and cold.
28	29.88	29.89	29.88	40	49	45	44.7	S. W.	S. W.	S. W.	Cloudy	Cloudy	Rain		23d. Raw and unpleasant.
29	29.76	29.65	29.67	46	53	48	49.0	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		24th. Began to snow and hail moderately from 7 to 8 A. M.; wind light, about E. N. E. Snow and hail during the day; wind nearly the same. In the evening, wind more to N. E., pretty heavy.
30	29.58	29.38	29.21	42	53	53	49.3	S. W.	S. S. W.	S. S. W.	Foggy	Rain	Rain	1.60	
31	29.23	29.42	29.64	40	45	38	41.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		25th. Snow about 3 inches deep; very damp. Cloudy; wind light N. N. E'ly. Clear evening.
Means	29.63	29.63	29.61	30.9	42.7	34.4	...	...	...	...	...	...	...	3.50	28th and 27th. Pleasant.
REDUCED TO SEA LEVEL.															28th. Cloudy in morning. Sprinkling in afternoon. Rain in evening.
Max.	30.22	30.16	30.12	46	68	53	52.0								29th. Wind fresh S. W. Heavy clouds, with some rain.
Min.	29.29	29.29	29.31	8	26	14	21.7								30th. Foggy in morning. Began to rain from 10 to 11 A. M.; wind rather fresh, about S. S. W. rain continued in afternoon and evening, wind increasing to very fresh in the evening.
Mean	29.81	29.81	29.79												31st. Clear at sunrise; wind W'ly, fresh. From 8 to 9 A. M., clouded and rained moderately. Rather blustering.
Range	0.93	0.87	0.81	38	42	39	30.3								
Mean of month			29.803	...	...	...	36.0								
Extreme range			0.93	...	...	...	60.0								

Prevailing winds from some point between—

	Days.
N. & E.	5
E. & S.	4
S. & W.	10
W. & N.	12

	Days.
Clear	11
Variable, Cloudy	10
Rain or snow fell on	10

April, 1840.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. At 6 A. M.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER	REMARKS.
1	29.75	29.73	29.62	34	36	34	34.7	S. W'ly	E'ly	N. E'ly	Clear	Snow	Rain	0.30	1st. Clear at sunrise; wind S.W'ly. Clouded, and began to snow from 10 to 11 A. M., wind hauling to S E, then to E'ly and N. E. Snow continued through the day, with rain in the evening.
2	29.74	...	29.91	34	...	34	34.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		2d. Cool, but pleasant.
3	29.94	29.70	29.58	30	53	47	43.3	W'ly	S. W.	S. W.	Clear	Clear	Clear		3d. Pleasant. Wind very fresh S. W.
4	29.34	29.27	29.47	47	53	44	47.3	S. W.	S. W.	N. W.	Cloudy	Cloudy	Clear		4th. In morning, wind fresh S. W.; came to N. W., with a gust and heavy clouds, from 1 to 2 P. M. Clear evening. Diffused aurora, considerably bright.
5	29.61	29.63	29.71	35	51	41	42.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
6	29.85	29.80	29.86	32	47	35	38.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
7	29.92	29.96	29.98	30	43	33	35.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
8	30.09	30.05	30.13	28	46	30	34.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		5th. Very blustering wind, N. W.
9	30.23	30.22	30.17	30	47	33	36.7	W'ly	S'ly	S. W.	Clear	Clear	Clear		6th, 7th, 8th, 9th. Cool, but pleasant.
10	30.09	...	30.01	38	...	50	...	S. W.	...	S. W.	Cloudy	...	Clear		10th. Morning cloudy for the most part. Clear in afternoon; blustering.
11	30.03	30.00	29.96	47	67	55	56.3	S. W.	S. W.	S. W.	Clear	Variable	Shower		11th. Warm and springlike. Clear in morning. Cloudy in afternoon. Shower in evening.
12	29.86	29.73	29.51	54	58	58	56.7	S. W.	S. W.	S. W.	Cloudy	Rain	Rain	1.80	12th. Mist in the morning. Began to rain from 10 to 11 A. M. Heavy rain during the remainder of the day and evening, with high wind at S. W.
13	29.70	29.84	30.04	42	54	44	46.7	N. W'ly	N. W.	N. W.	Clear	Clear	Clear		13th. Fine weather.
14	30.11	30.02	29.84	40	53	44	45.7	N. W.	N. W.	S. W'ly	Clear	Clear	Cloudy		14th. Pleasant.
15	29.86	29.79	29.80	44	64	45	51.0	S W.	S. W.	S'ly	Variable	Variable	Clear		15th. Mild and pleasant.
16	29.83	29.83	29.84	40	61	44	48.3	N. W.	S. W.	S'ly	Clear	Clear	Clear		16th and 17th. Very pleasant.
17	29.86	29.82	29.80	44	60	49	51.0	S'ly	S'ly	S. W.	Foggy	Clear	Clear		18th. Very warm, and yet very blustering.
18	29.74	29.63	29.58	54	69	57	60.0	S. W.	S. W.	S. W.	Variable	Clear	Variable		19th. Pleasant.
19	29.76	29.85	29.95	51	55	42	49.3	N. E'ly	N'ly	N'ly	Cloudy	Variable	Clear		20th. Pleasant. Wind came to N. W., and grew cooler towards night.
20	29.97	29.90	30.06	38	63	44	48.3	S'ly	S. W.	N. W.	Cloudy	Clear	Clear		21st. Pleasant, but cool.
21	30.07	30.11	30.13	35	54	38	42.3	N. E.	N. E.	N. E.	Clear	Clear	Clear		22d. Clear morning. Cloudy and rain in afternoon and evening.
22	30.12	29.97	...	38	57	...	...	S. W'ly	S. W.	...	Clear	Variable	Rain		23d. Cloudy in morning. Pleasant and warm in afternoon.
23	...	...	...	...	...	...	...	...	...	...	...	...	...		24th. Pleasant and very warm.
24	...	...	29.80	...	75	58	...	...	...	S. W.	...	...	Clear		25th. Pleasant.
25	29.90	29.84	29.80	52	67	56	58.3	N. E.	S'ly	S'ly	Clear	Clear	Foggy		26th. Foggy in morning. Sun out from 8 to 10 A. M. Thunder and sprinkling of rain before noon. Clear in afternoon. Cloudy, with some rain, in evening.
26	29.71	29.59	29.52	57	74	60	63.7	S. W.	S. W.	W'ly	Foggy	Variable	Rain		27th. Pleasant; cooler.
27	29.50	...	30.19	50	...	40	...	N. W.	...	N. W.	Clear	...	Clear		28th. Very pleasant.
28	30.33	30.30	30.29	36	57	44	45.7	N. W.	S. W.	S'ly	Clear	Clear	Variable		29th. Moderate rain nearly all day; increased in evening. In the morning, wind light S E'ly, or from E. to S. E. In the afternoon and night, wind more E'ly.
29	30.09	29.91	29.70	44	56	46	48.3	E'ly	E'ly	E'ly	Rain	Misty	Rain	1.35	
30	29.42	29.43	29.59	46	68	56	56.7	N. W'ly	N. W'ly	W'ly	Cloudy	Clear	Clear		
Means	29.87	29.84	29.85	41.1	57.2	45.0	...	...	...	...	...	...	...	3.45	
REDUCED TO SEA LEVEL.															
Max.	30.51	30.48	30.47	57	75	58	66.5								
Min.	29.52	29.45	29.65	28	36	30	34.0								
Mean	30.05	30.02	30.03												
Range	0.99	1.03	0.82	29	39	28	32.5								
Mean of month			30.033	...	...	...	47.8								
Extreme range			1.06	...	...	...	47.0								

Prevailing winds from some point between—

	Days.
N. & E.	3
E. & S.	2
S. & W.	15
W. & N.	9

	Days.
Clear	12
Variable, Cloudy	12
Rain or snow fell on (1 day omitted.)	6

May, 1840.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.47	29.29	29.39	54	69	48	57.0	S'ly	S. W'ly	W'ly	Variable	Shower	Clear		1st. Variable. Light shower from 2 to 3 P. M., with thunder.
2	29.57	29.55	29.56	42	65	49	52.0	N. W.	W'ly	W'ly	Clear	Clear	Cloudy		2d. Pleasant.
3	29.55	29.51	29.45	52	73	56	60.3	S. W.	S. W.	S. W.	Clear	Clear	Cloudy	0.68	3d. Very fine. Heavy rain during the night.
4	29.10	28.96	29.03	51	57	44	50.7	E'ly	N. E.	N. E.	Rain	Cloudy	Cloudy		4th. Some rain.
5	29.21	29.32	29.41	40	45	36	40.3	N. W'ly	N. W'ly	N. W.	Misty	Rain	Rain	0.47	5th. Mist in morning. Moderate rain in afternoon and evening; wind N. W.
6	29.53	29.52	29.54	40	58	40	46.0	N. W.	N. W.	N. W.	Cloudy	Variable	Variable		6th. Variable.
7	29.56	29.56	29.67	43	57	46	48.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		7th. Pleasant, but cool.
8	29.81	29.82	29.84	40	53	...	...	N.	N. E.	...	Clear	Variable	...		8th. Clear in morning. Cloudy in afternoon, with wind brisk at N. E.
9	29.77	29.65	29.52	...	...	38	...	...	...	N. E.	...	...	Rain	0.95	9th. Heavy N. E. storm all day, and cold for the season.
10	29.50	29.53	29.60	38	45	45	42.7	N. E.	N. E.	N'ly	Cloudy	Cloudy	Cloudy		10th. Raw N. E'ly weather.
11	29.62	29.67	29.75	44	56	44	48.0	N. E'ly	N. E.	S. W'ly	Clear	Clear	Clear		11th. Pleasant, but cool.
12	29.74	29.73	29.77	41	63	48	50.8	S. W.	S. W.	S'ly	Clear	Clear	Clear		12th and 13th. Very fine.
13	29.82	29.82	29.86	45	67	50	54.0	E'ly	S. E'ly	S'ly	Clear	Clear	Clear		14th. Very fine and warm.
14	29.88	29.84	29.82	45	69	52	55.3	S. W.	S. E'ly	S. E'ly	Clear	Clear	Clear		15th. Fine in morning. Showers in afternoon.
15	29.71	29.56	29.63	52	75	57	61.3	S. W.	S. W.	W'ly	Clear	Clear	Shower	0.25	16th and 17th. Very fine.
16	29.81	29.83	29.91	52	72	58	60.7	N. W.	W'ly	S. W'ly	Clear	Clear	Clear		18th. Weather clear, and excessively warm for the season. Wind rather fresh S. W. Thermometer at 88° in the shade.
17	29.90	29.88	29.80	55	77	64	65.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		19th and 20th. Variable.
18	29.74	29.66	29.67	62	88	72	74.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		21st. Moderate rain nearly all day. Rain increased in the evening, and grew colder, with wind freshening.
19	29.80	29.88	29.90	54	65	52	57.0	N. E.	N. E.	N. E.	Variable	Clear	Cloudy		22d. Some rain in morning. Cloudy in afternoon. Partly clear in evening.
20	29.89	29.80	29.73	51	68	56	58.3	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		23d. Warm and pleasant.
21	29.55	29.46	29.45	51	51	44	48.7	N. E.	N. E.	N. E.	Rain	Rain	Rain	1.00	24th. Pleasant. Air rather damp.
22	29.47	29.59	29.67	47	55	53	51.7	N'ly	N. E'ly	N. W.	Cloudy	Cloudy	Variable		25th. Fine.
23	29.80	29.83	29.93	56	74	54	61.3	N. W'ly	N. E'ly	N. E.	Variable	Clear	Clear		26th and 27th. Very fine.
24	30.10	30.14	30.17	50	66	53	56.3	N. E.	S. E'ly	S'ly	Cloudy	Clear	Clear		28th. Very fine and very warm.
25	30.23	30.21	30.20	50	67	51	56.0	S. W'ly	S. E'ly	S'ly	Clear	Clear	Clear		29th. Fine. Wind N. E'ly the greater part of the day. Brilliant aurora in the evening, with frequent corruscations.
26	30.11	30.03	30.04	50	68	55	57.7	S. W'ly	S. W'ly	S. W.	Clear	Clear	Clear		30th and 31st. Weather continues fine.
27	29.84	29.73	29.67	55	75	66	65.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		
28	29.63	29.57	29.54	63	83	68	71.3	W'ly	S. W.	S. W.	Clear	Clear	Clear		
29	29.54	29.58	29.67	64	74	59	65.7	S. W'ly	N. E.	E'ly	Clear	Clear	Clear		
30	29.68	29.67	29.63	54	76	58	62.7	N. E.	E'ly	S. W.	Clear	Clear	Clear		
31	29.59	29.56	29·68	54	75	57	62.0	S. W'ly	N. E.	S. W.	Clear	Clear	Clear		
Means	29.69	29.67	29.69	53.2	66.2	52.4	...	...	...	...	...	...	...	3.35	
REDUCED TO SEA LEVEL.															
Max.	30.41	30.39	30.38	64	88	72	71.3								
Min.	29.28	29.14	29.21	38	45	36	40.0								
Mean	29.87	29.88	29.87												
Range	1.13	1.25	1.14	26	43	36	31.3								
Mean of month			29.877	...	...	...	57.3								
Extreme range			1.27	...	...	...	52.0								

Prevailing winds from some point between—

	Days.
N. & E.	11
E. & S.	5
S. & W.	11
W. & N.	4

	Days.
Clear	20
Variable, Cloudy	3
Rain fell on	8

June, 1840.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. At 6 A. M.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER	REMARKS.
1	29.69	29.70	29.76	54	67	49	56.7	N'ly	S. W.	N. E.	Cloudy	Cloudy	Rain		1st. Began raining moderately from 4 to 5 P. M.
2	29.92	29.92	29.94	45	67	54	55.3	N. E.	S. E.	N. E.	Cloudy	Cloudy	Cloudy		2d. Cloudy, with occasional sprinkling of rain.
3	29.83	29.75	29.66	54	62	61	59.0	S. E.	S. E.	S'ly	Cloudy	Cloudy	Cloudy		3d. Foggy and damp. Heavy rain during the night.
4	29.50	29.48	29.42	62	69	62	64.3	S'ly	S. W.	S. W.	Rain	Cloudy	Cloudy	1.68	4th. Heavy rain early. Foggy during the day.
5	29.41	29.49	29.62	60	78	68	68.7	N. W'ly	W'ly	W'ly	Variable	Clear	Clear		5th and 6th. Very fine.
6	29.69	29.68	29.68	63	78	66	69.0	N. W.	W'ly	S. W.	Clear	Clear	Clear		7th. Clear early. Clouded before 9 A. M., and showery during the day; wind S. W'ly. Wind
7	29.68	29.64	29.71	66	75	55	65.3	S. W.	S. W.	N'ly	Clear	Cloudy	Shower	0.33	came to N. W., and grew cool towards night.
8	29.79	29.85	29.91	51	64	60	58.3	N'ly	N'ly	S. W.	Cloudy	Cloudy	Variable		8th. Cloudy. Mist in morning.
9	29.96	29.98	29.98	62	73	64	66.3	N. W'ly	N. W'ly	N. W'ly	Clear	Clear	Clear		9th, 10th, and 11th. Very fine.
10	29.99	29.96	29.93	60	80	68	69.3	N. W.	N. W.	S. W.	Clear	Clear	Clear		12th. Very warm, but a fine breeze from N. W. in afternoon.
11	29.84	29.77	29.71	64	78	69	70.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		13th. At 3 A. M., thunder, with sprinkling of rain. Light showers from 9 to 11 A. M. Clear to-
12	29.62	29.56	29.54	67	85	74	75.3	S. W.	N. W.	N. W.	Clear	Clear	Variable		wards night, and cooler. Very clear in evening.
13	29.48	29.43	29.61	70	81	60	70.3	S. W.	N. W.	N. W.	Variable	Clear	Clear		14th. Very fine.
14	29.68	29.68	29.70	60	74	63	65.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		15th. Variable in the morning. Clear towards night. Very clear and pleasant in the evening.
15	29.69	29.65	29.64	60	71	57	62.7	N. W.	N. W.	N. W.	Variable	Variable	Clear		16th and 17th. Very fine.
16	29.73	29.78	29.82	53	71	61	61.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		18th. Clear in the morning. Cloudy in the after-
17	29.89	29.87	29.87	59	78	66	67.7	N. W.	N. W.	W'ly	Clear	Clear	Clear		noon, with wind S. S. E. nearly, and occasional very light showers.
18	29.89	29.80	29.65	61	68	65	64.7	S. W.	S. E.	S. E'ly	Clear	Cloudy	Cloudy		19th. Mostly fine.
19	29.48	29.40	29.39	60	72	56	62.7	W'ly	W'ly	N. W.	Cloudy	Clear	Clear		20th. Light showers in morning. Variable in afternoon. Clear in evening.
20	29.30	...	29.49	54	...	59	...	W'ly	...	N'ly	Cloudy	...	Cloudy		21st. Fine.
21	29.60	29.59	29.59	57	74	63	64.7	N. W.	N. W.	S'ly	Clear	Clear	Clear		22d. Fine in morning. Very light shower from 5 to 6 P M. Clear in evening.
22	29.61	29.58	29.70	64	76	69	69.7	S. W.	S. W.	W'ly	Clear	Variable	Clear		23d. Very fine.
23	29.84	29.87	29.87	63	83	64	70.0	N'ly	S. W'ly	S. W'ly	Clear	Variable	Clear		24th. Very fine. Sun very burning.
24	29.80	29.77	29.60	64	82	72	72.7	S. W.	W'ly	W'ly	Clear	Clear	Clear		25th and 26th. Fine.
25	29.58	29.57	29.58	72	76	63	70.3	N.	E'ly	E'ly	Clear	Clear	Clear		27th. Moderate rain from N. E. commenced about noon, and continued at intervals through
26	29.79	29.82	29.82	58	77	62	65.7	E'ly	S. E'ly	E'ly	Clear	Clear	Clear		afternoon and evening.
27	29.79	29.77	29.72	62	73	67	67.3	N. E.	N. E.	N. E'ly	Cloudy	Rain	Rain	} 0.90	28th. Light showers in morning. Cloudy in
28	...	29.64	29.65	...	75	71	...	...	N. E.	N. E.	...	Rain	Variable		afternoon. Very sultry.
29	29.67	29.66	29.66	71	83	72	75.3	S'ly	S. W'ly	S. W'ly	Clear	Clear	Cloudy		29th. Very fine.
30	29.62	29.61	29.61	72	84	71	75.7	S'ly	S. W'ly	S. W.	Misty	Clear	Variable		30th. Very misty in the morning. Clear and drier by noon.
Means	29.70	29.70	29.70	61.0	75.0	63.9	...	...	...	...	...	...	...	2.89	
REDUCED TO SEA LEVEL.															
Max.	30.17	30.14	30.16	72	85	74	75.7								
Min.	29.48	29.58	29.57	45	82	49	55.3								
Mean	29.88	29.87	29.88												
Range	0.69	0.56	0.59	27	23	25	20.4								
Mean of month			29.877	...	...	...	66.3								
Extreme range			0.69	...	...	...	40.0								

Prevailing winds from some point between—

	Days.
N. & E.	4
E. & S.	4
S. & W.	9
W. & N.	13

	Days.
Clear	12
Variable, Cloudy	7
Rain fell on	11

July, 1840.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.60	29.60	29.67	68	80	70	72.7	N. W.	W.	N. W.	Clear	Clear	Clear		1st and 2d. Very fine.
2	29.79	29.81	29.88	60	76	66	67.3	N. W.	N. W.	N. W.	Clear	Clear	Variable		3d. Cloudy, with frequent sprinklings.
3	29.88	29.93	29.93	60	67	60	62.3	N. E.	N. E.	N. E.	Cloudy	Sprink'g	Cloudy		7th. Cloudy and rather cool, with light rain occasionally during morning.
4	...	...	...	...	...	...	...	...	...	...	...	...	...		8th. Pleasant, though for the most part cloudy.
5	...	...	...	...	...	...	...	...	...	...	...	...	...		9th. Moderate rain in morning; wind light S W. Wind came to N.W., with heavy clouds, and grew
6	...	...	...	...	...	...	...	...	...	...	...	...	...		cooler about sunset.
7	30.00	29.92	29.91	63	71	64	66.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		10th and 11th. Very fine.
8	29.90	29.88	29.82	64	78	67	69.7	N. E.	W'ly	S. W.	Cloudy	Variable	Variable	0.25	12th. Wind light E'ly in morning; more S. E'ly and fresh in afternoon. Sun excessively hot all
9	29.68	29.57	29.58	70	84	68	74.0	S. W.	S. W.	N. W.	Rain	Variable	Variable		day.
10	29.59	29.52	29.71	68	82	67	72.3	W.	W.	W.	Clear	Clear	Clear		13th. Cloudy in the morning and evening, with sprinkling of rain. Shower in the night.
11	29.79	29.80	29.77	62	80	69	70.3	N. E.	W'ly	W'ly	Clear	Clear	Clear		14th. Cloudy in the morning; then hot sun.
12	29.77	29.77	29.75	70	89	70	76.3	W'ly	S. E'ly	S'ly	Clear	Clear	Clear		Thunder-clouds from noon to 3 P M. A light
13	29.74	29.67	29.64	68	80	72	73.3	S. W.	S. W.	S. W.	Cloudy	Variable	Cl'y, sh'r	0.20	shower between 1 and 2 P M, which was quite heavy in the immediate vicinity. Very clear in
14	29.45	29.42	29.50	72	80	74	75.3	S. W.	S. W.	S. W.	Cloudy	Cloudy	Clear		the evening.
15	29.63	29.67	29.70	70	86	76	77.3	N. W.	S. W.	S. W.	Clear	Clear	Clear		15th. Clear, and very hot sun.
16	29.77	29.77	29.77	74	87	74	78.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		16th. Very fine and very warm.
17	29.78	29.76	29.76	72	90½	74	78.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		17th. Very hot, notwithstanding a fine breeze all day from S. W.
18	29.76	29.76	29.73	74	76	74	74.7	S. W.	S. W.	S. W.	Cloudy	Shower	Clear	0.81	18th. Cloudy, but very warm, in the morning.
19	29.63	29.51	29.60	74	80	68	74.0	S. W.	S. W.	W'ly	Variable	Shower	Var., sh.	0.57	Fine shower, with light thunder, from 1 to 3 P. M.
20	29.71	29.75	29.76	58	73	62	64.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		19th. Shower from 3 to 5 A. M., with light thunder. Thundershower about noon, equal to 0.25
21	29.76	29.75	29.78	58	76	69	67.7	N. W.	N. W.	S. W.	Clear	Clear	Clear		inch of water. Shower again about 6 P. M., equal
22	29.89	29.88	29.88	64	78	69	70.3	W'ly	S. W.	S. W.	Clear	Clear	Clear		to 0.32 inch of water. Very hot sun part of the day. Wind fresh from S. W.
23	29.88	29.80	29.73	66	80	71	72.3	S. W.	S. W.	S. W.	Clear	Clear	Cloudy		20th, 21st, and 22d. Very fine.
24	29.53	29.38	29.55	70	74	69	71.0	S. E'ly	N'ly	N. W.	Rain	Variable	Cloudy	1.55	23d. Clear in morning. Cloudy in afternoon towards night. Air very damp; wind fresh S. W.,
25	29.72	29.81	29.87	69	79	68	68.7	N'ly	W'ly	S. W'ly	Variable	Variable	Clear		with appearances of rain.
26	29.89	29.90	29.92	68	84	71	74.3	S. W'ly	S. W'ly	S. W.	Clear	Clear	Clear		24th. Rain, with wind S. E'ly. Rain heavy from 8 to 10 A. M. Wind came to N'ly, and partly
27	29.95	29.97	29.95	70	80	69	73.0	S. W.	S. W.	S. W.	Variable	Clear	Clear		clear by 1 P. M. Rain equal to 1.55 inch of water.
28	29.91	29.80	29.67	69	79	70	72.7	S. W.	S. E'ly	S. W.	Clear	Clear	Cl'r, sh'r		Hot sun at intervals during afternoon.
29	29.61	29.67	29.70	70	83	72	75.0	N. W.	N. W'ly	N. W.	Variable	Clear	Clear		25th. Variable for the most part. Sun very hot at times.
30	29.80	29.84	29.85	68	83	69	73.3	N. W.	S. W'ly	S. W.	Clear	Clear	Clear		26th and 27th. Very fine.
31	29.88	29.87	29.88	68	80	72	73.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		28th. Very fine. Shower during the night.
Means	29.76	29.77	29.76	67.4	79.8	69.4	...	...	...	...	...	...	...	3.38	29th. Fine. Aurora in the evening, not bright.
REDUCED TO SEA LEVEL.															30th. Very fine.
Max.	30.18	30.15	30.13	74	90½	76	78.7								31st. Fine.
Min.	29.63	29.60	29.68	58	67	60	62.3								
Mean	29.93	29.94	29.93												
Range	0.55	0.55	0.45	16	23½	16	16.4								
Mean of month			29.933	...	...	...	72.2								
Extreme range			0.58	...	...	...	32.0								

Prevailing winds from some point between—

	Days.
N. & E.	4
E. & S.	2
S. & W.	16
W. & N.	6

	Days.
Clear	13
Variable, Cloudy	6
Rain fell on	9

(3 days omitted.)

August, 1840.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.81	29.73	29.77	68	70	69	69.0	N. E.	N. E.	N. W'ly	Rain	Rain	Variable	1.05	1st. Steady rain from N. E. during the morning. Variable in the afternoon and evening.
2	29.82	29.81	29.72	68	77	72	72.3	N. W.	S'ly	S'ly	Variable	Shower	Cloudy		2d. Variable in the morning. Light showers from 1 to 3 P. M.
3	29.73	29.68	29.69	71	78	73	74.0	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy	0.25	3d. Light showers in the morning. Heavy shower at 5 P. M.
4	29.67	29.62	29.60	68	83	75	75.3	S. W.	S. W.	S. W.	Cloudy	Clear	Cloudy		4th. High wind.
5	29.56	29.53	29.53	73	80	73	75.3	W'ly	N. W.	S. W.	Variable	Clear	Clear		6th. Lightning, and a thundershower in the night.
6	29.61	29.53	29.45	64	78	66	69.3	S. W.	S'ly	S. W.	Clear	Clear	Var., sh.	0.40	7th to 11th. Very fine.
7	29.50	29.53	29.57	64	76	64	68.7	S. W.	S. W.	W'ly	Cloudy	Clear	Clear		
8	29.59	29.58	29.64	61	75	68	68.0	S. W.	S. W.	N. W.	Clear	Clear	Clear		
9	29.75	29.78	29.83	62	79	65	68.7	N. W.	N. W.	N. W.	Clear	Variable	Clear		
10	29.89	29.92	29.90	57	74	65	65.3	N. W.	N. W.	N. W.	Clear	Variable	Clear		
11	29.89	29.81	29.77	62	76	71	69.7	N. W.	S. W.	S. W.	Clear	Variable	Variable		
12	29.73	29.69	29.66	68	83	74	75.0	S. W.	S. W.	S. W.	Cloudy	Clear	Cl'y, sh'r	0.10	12th. Fine. Very burning sun about mid-day.
13	29.62	29.61	29.58	69	75	73	72.3	S. W.	S. W.	S. W.	Cloudy	Rain	Rain	1.05	13th. Showery through the day; wind fresh S. W. Heavy rain during the night.
14	29.45	29.47	29.60	72	80	70	74.0	S. W.	S. W.	S. W.	Rain	Clear	Clear		14th. Rain early. Cloudy in morning. Clear towards night.
15	29.62	29.77	29.87	65	79	67	70.3	N. W.	W.	N. W.	Clear	Clear	Clear		15th. Very fine.
16	29.99	30.01	30.04	60	71	62	64.3	N. W.	N. E.	N. E.	Clear	Cloudy	Clear		16th. Variable in the morning. Clear and fine in the afternoon.
17	30.09	30.12	30.10	58	78	66	67.3	N. E'ly	S'ly	S. W'ly	Clear	Clear	Clear		17th, 18th, and 19th. Very fine.
18	30.10	30.07	30.05	62	79	64	68.3	S. W.	S. W.	S. W.	Variable	Clear	Clear		
19	29.99	29.89	29.82	62	79	71	70.7	S. W.	S. W.	S. W.	Variable	Clear	Clear		
20	29.79	...	...	70	82	74	75.3	S. W.	...	...	Clear	...	...		20th and 21st. Very sultry and hot.
21	...	...	...	70	83	73	75.3	...	S. W'ly	...	...	...	...		22d. Fine. Some fog in the morning.
22	...	29.77	29.72	70	82	75	75.7	...	S. W.	S. W.	...	Clear	Variable		23d. Fine in the morning. Heavy clouds and frequent lightning in the evening, with sprinkling of rain. Heavy shower during the night.
23	29.71	...	29.56	73	...	75	74.0	S. W.	...	S. W.	Clear	...	Var., sh.	0.35	24th to 30th. Very fine.
24	29.57	29.58	29.64	72	82	69	...	W'ly	W'ly	W'ly	Clear	Clear	Clear		
25	29.68	29.68	29.77	75	78	64	72.3	N. W'ly	N. W'ly	N. W.	Clear	Clear	Clear		
26	29.82	29.84	29.84	58	77	65	66.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
27	29.86	29.84	29.86	61	76	67	69.0	N. W'ly	W'ly	S. W.	Clear	Clear	Clear		
28	29.89	29.88	29.86	59	79	66	68.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		
29	29.91	29.91	29.91	61	77	65	67.7	N'ly	S'ly	S. W'ly	Cloudy	Clear	Clear		
30	29.90	29.85	29.80	64	80	70	71.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		
31	29.71	29.67	29.64	70	78	72	73.3	S. W.	S. W.	S. W.	Variable	Cloudy	Clear		31st. Variable. Occasional sprinkling of rain.
Means	29.77	29.76	29.75	65.7	78.1	69.1	...	...	...	...	...	...	...	3.20	
REDUCED TO SEA LEVEL.															
Max.	30.28	30.30	30.28	75	83	75	75.3								
Min.	29.63	29.65	29.63	57	70	62	64.3								
Mean	29.94	29.93	29.92												
Range	0.65	0.65	0.65	18	23	13	11.0								
Mean of month			29.930	...	...	...	71.0								
Extreme range			0.65	...	...	...	26.0								

Prevailing winds from some point between—

	Days.
N. & E.	2
E. & S.	1
S. & W.	20
W. & N.	8

	Days.
Clear	10
Variable, Cloudy	13
Rain fell on	8

September, 1840.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.72	...	...	60	...	...	...	N. W.	...	...	Clear	...	...		1st. Fine. Sun very hot, and ground very dry.
2	...	...	...	60	...	...	...	N. W.	...	...	...	...	Shower	0.30	2d. Fine. Sun very hot, and ground very dry. Fine shower in the evening.
3	29.71	...	29.75	61	...	58	...	N. W.	...	N. W.	Variable	...	Clear		3d. Very fine. Pleasantly cool.
4	29.85	29.87	29.87	50	72	58	60.0	N. W.	N. W.	N. E.	Clear	Variable	Cloudy		4th. Fine.
5	29.96	29.72	29.68	56	56	55	55.3	N. E.	N. E.	N. E.	Rain	Rain	Cloudy	0.70	5th Steady rain during morning. Occasional rain in afternoon. Wind light N. E., and quite cool.
6	29.71	29.72	29.83	56	68	58	60.7	N'ly	N. W.	N. W.	Cloudy	Variable	Clear		6th. Variable, but pleasant. Evening very mild and clear.
7	29.89	29.90	29.91	56	75	63	64.7	N. W.	N. W.	S. W.	Clear	Clear	Clear		7th Very fine.
8	29.90	29.81	29.78	57	76	65	62.7	S. W.	S. W.	S. W.	Clear	Variable	Variable		8th. Pleasant.
9	29.73	29.70	29.68	66	74	69	69.7	S. W.	S. W.	S. W.	Rain	Cloudy	Cloudy		9th. Very light rain in the morning. Cloudy through the day.
10	29.58	29.54	29.50	67	77	64	69.3	S. W.	S. W.	S. W.	Cloudy	Variable	Rain	0.25	10th. Cloudy in the morning. Light shower and gust at 3 P. M. Shower in the evening.
11	29.57	29.60	29.62	58	66	55	59.7	N. W.	S. E.	N. W.	Variable	Rain	Variable	0.25	11th. Variable in the morning. Showery in the afternoon.
12	29.74	29.79	29.94	49	64	52	55.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		12th. Fine, but cool.
13	30.00	30.00	29.99	44	63	51	52.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		13th. Very fine, though cool.
14	29.87	29.82	29.81	44	66	55	55.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		14th and 15th. Very fine.
15	29.75	29.74	29.78	54	72	59	65.0	N. W'ly	N. W.	N. W.	Clear	Clear	Clear		16th. Fine.
16	29.84	29.84	29.89	53	73	60	62.0	N. W.	S. E'ly	S. E'ly	Clear	Clear	Clear		17th. Fine. Fog in the morning.
17	29.90	29.83	29.79	60	74	62	65.3	S'ly	S. E'ly	S. E'ly	Foggy	Clear	Clear		18th. Fine. Heavy rain during the night, with thunder.
18	29.73	29.72	29.68	62	74	67	67.7	S. W'ly	S'ly	S'ly	Clear	Clear	Cloudy		19th. Rain in morning. Cleared before noon.
19	29.51	29.48	29.49	64	68	56	62.7	S. E.	W'ly	N. W.	Rain	Clear	Clear	0.95	20th. Very blustering. Cloudy, with appearances of rain in the evening.
20	29.39	29.29	29.30	50	70	62	60.7	W'ly	W'ly	S. W'ly	Clear	Clear	Cloudy		21st. Clear and cool. Wind fresh N. W. Faint aurora all night.
21	29.40	29.50	29.73	52	59	45	52.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		22d Very fine.
22	29.90	29.95	29.95	38	58	45	47.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		23d and 24th. Fine.
23	29.91	29.90	29.92	42	73	54	56.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		25th and 26th. Very fine.
24	30.07	30.12	30.12	48	57	46	50.3	N'ly	N. E.	N. E.	Clear	Cloudy	Clear		27th. Foggy in the morning; variable. Rain moderate in the evening.
25	30.10	30.07	30.06	40	64	50	51.3	N. E.	N. E.	S. E.	Clear	Clear	Clear		28th. Cool but pleasant.
26	30.04	...	29.92	46	...	52	...	S'ly	S. W'ly	S. W'ly	Clear	Clear	Clear		29th and 30th. Mild and pleasant.
27	29.80	29.70	...	52	72	71	66.3	S. W.	S. W.	S. W.	Foggy	Variable	Rain	0.50	
28	29.75	29.79	29.87	56	66	47	56.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
29	29.92	29.88	29.89	44	67	54	55.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
30	30.86	30.84	30.84	49	71	62	60.7	N. W.	S. W.	S. W.	Clear	Clear	Variable		
Means	29.83	29.81	29.84	53.1	68.2	56.9	...	...	...	...	...	...	...	2.95	
REDUCED TO SEA LEVEL.															
Max.	31.04	31.02	31.02	67	77	69	69.7								
Min.	29.57	29.47	29.48	40	56	45	47.0								
Mean	30.01	29.98	30.02												
Range	1.47	1.55	1.54	27	21	24	22.7								
Mean of month			30.003	...	...	...	59.4								
Extreme range			1.57	...	...	...	37.0								

Prevailing winds from some point between—

	Days.
N. & E.	4
E. & S.	2
S. & W.	10
W. & N.	14

	Days.
Clear	17
Variable, Cloudy	5
Rain fell on	8

October, 1840.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.89	29.92	29.98	56	57	56	56.3	N. E.	N. E.	N. E.	Misty	Misty	Misty		1st and 2d. Wind light N. E. Mist all day.
2	29.89	29.98	29.96	52	67	62	60.3	N. E.	N. E.	N. E.	Misty	Misty	Misty		3d. Mist through the day. Wind S. W'ly, rather fresh. Showers about sunset.
3	29.81	29.70	29.74	63	72	58	64.3	S'ly	S. W.	W'ly	Misty	M't & r'n	Cloudy	0.25	4th to 8th. Very fine.
4	29.82	29.91	29.89	43	62	50	51.7	W'ly	W'ly	S. W.	Clear	Clear	Clear		9th. Cloudy for the most part.
5	29.90	29.81	29.82	48	68	54	56.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		10th. Fine.
6	29.90	29.75	29.75	52	73	59	64.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		11th. Cloudy in the morning. Light rain in the afternoon, with some mist.
7	29.90	29.91	30.00	56	64	49	56.3	S. W.	N. E.	N. E.	Clear	Clear	Clear		12th to 15th. Fine.
8	30.04	29.98	29.99	43	68	53	54.7	N. E.	S. W.	S. W.	Clear	Clear	Clear		16th. First white frost in the College yard—very slight. The day fine.
9	29.91	29.99	30.04	53	60	46	53.0	S. W.	N. E.	N. E.	Clear	Cloudy	Cloudy		17th. Pretty severe frost. Weather fine.
10	30.04	30.02	29.97	36	56	44	45.3	N'ly	N'ly	S. W'ly	Clear	Clear	Clear		18th. Mild. Cloudy for the most part.
11	29.80	29.60	29.36	50	58	62	56.7	S. W.	S. W.	S. W.	Cloudy	Rain	Cloudy	0.20	19th. Cloudy, with frequent mist.
12	29.19	29.30	29.41	63	65	49	59.0	S. W.	W'ly	N. W.	Clear	Clear	Variable		20th. Light rain in the morning. Cloudy, with occasional mist, through the day.
13	29.53	29.69	29.70	37	53	44	64.7	N. W.	N. W.	W'ly	Clear	Clear	Clear		21st. Moderate rain nearly all day; wind light N. E. Rain continued through the night.
14	29.63	29.60	29.62	46	67	56	56.3	S. W'ly	S. W.	W'ly	Clear	Clear	Clear		22d. Cloudy in the morning. Cleared in the afternoon. Fine in the evening.
15	29.75	...	29.90	44	...	38	...	N.	...	N. W.	Clear	...	Clear		23d and 24th. Very fine.
16	29.96	30.01	30.07	34	47	36	39.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		25th. Cold. Raw N. E. wind, with sprinkling of rain and some hail. During the night, wind came to N. W. and W'ly, with snow nearly an inch deep.
17	30.16	30.15	30.16	31½	53	41	41.7	N. E.	N. E'ly	S. W'ly	Clear	Variable	Variable		
18	30.17	30.16	30.15	41	57	50	49.3	W'ly	S. W.	S. W.	Variable	Cloudy	Variable		
19	30.04	29.97	29.93	50	59	60	56.3	S. W.	S. E.	S'ly	Cloudy	Misty	Cloudy		
20	29.83	29.79	29.81	63	67	63	64.3	S. W.	S. W.	S. W.	Rain	Misty	Cloudy	} 2.37	26th. At sunrise, wind blustering from W'ly. Ground covered with snow. Thermometer 32°. Snow remained on the roofs of the houses all day.
21	29.79	29.68	29.42	58	60	52	56.7	N. E.	N. E.	N. E.	Rain	Rain	Rain		
22	29.36	29.55	29.80	48	52	39	46.3	N. W.	N. W.	N. W.	Cloudy	Clear	Clear		27th. Cool, but pleasant.
23	29.80	29.68	29.59	37	60	54	50.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		28th. Wind S. E. Sprinkling of rain in afternoon.
24	29.80	29.86	29.90	42	53	44	46.3	W'ly	N. W.	N. W.	Clear	Clear	Clear		29th. Cloudy, with some rain. Wind fresh S. E.; became more fresh at night, with heavy rain.
25	29.86	29.69	29.59	38	44	40	40.7	N. E.	N. E.	N. E.	Variable	Cloudy	Var., sn.	0.15	30th. Rain and mist in the morning; wind S. by W. nearly. Clouds broken in the afternoon, and clear some part of the evening.
26	29.41	29.46	29.61	32	39	35	35.3	W'ly	W'ly	W'ly	Cloudy	Clear	Clear		
27	29.98	30.03	30.10	30	43	32	35.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		
28	30.11	30.02	29.96	31	49	51	43.7	S. E.	S. E.	S'ly	Cloudy	Rain	Variable	} 22.0	31st. Variable, with the wind light N. W. and N'ly.
29	29.97	29.79	29.57	50	60	60	56.7	S. E.	S. E.	S. E'ly	Rain	Rain	Cloudy		
30	29.39	29.34	29.44	60	65	53	59.3	S'ly	S. W'ly	W'ly	Rain	Misty	Variable		
31	29.60	29.53	29.55	46	52	43	47.0	N. W.	N. W.	N'ly	Variable	Cloudy	Variable		
Means	29.81	29.79	29.80	46.2	58.3	49.4	...	...	...	...	...	...	...	5.17	
REDUCED TO SEA LEVEL.															
Max.	30.35	30.34	30.34	63	73	63	64.7								
Min.	29.37	29.48	29.54	30	43	32	35.0								
Mean	29.99	29.96	29.98												
Range	0.98	0.86	0.80	33	30	31	29.7								
Mean of month			29.967	...	...	...	51.3								
Extreme range			0.98	...	...	...	43.0								

Prevailing winds from some point between—

	Days.
N. & E.	7
E. & S.	3
S. & W.	14
W. & N.	7

	Days.
Clear	13
Variable } Cloudy	10
Rain or snow fell on	8

November, 1840.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.80	29.84	29.99	35	49	40	41.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		1st. Fine.
2	30.15	30.18	30.19	32	50	38	40.0	N. W.	N. E.	E'ly	Clear	Clear	Clear		2d. Very fine.
3	30.07	29.98	29.94	34	51	43	42.7	N. E.	N. E.	N. E.	Clear	Variable	Variable		3d. Fine; clear for the most part. Evening hazy. Bow about the moon. Air raw.
4	29.90	29.87	29.89	43	48	43	44.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Variable		4th and 5th. Cloudy for the most part.
5	29.80	29.76	29.74	43	50	44	49.0	N. E.	N. E.	N. E.	Cloudy	Variable	Variable		6th. Cloudy for the most part. Wind fresh; increased at night.
6	29.65	29.60	29.74	44	51	47	47.3	N. E.	N. E'ly	N. E.	Cloudy	Cloudy	Variable		7th. Cloudy. Air damp and raw.
7	29.85	29.87	29.90	44	44	45	44.3	N. E.	N. E.	N. E.	Cloudy	Cloudy	Variable		8th. Cloudy. with occasional rain in evening.
8	29.85	29.74	29.61	45	50	50	48.3	N. E.	E'ly	E'ly	Cloudy	Cloudy	Rain	1.45	9th. Rain in the morning and evening.
9	29.39	29.34	29.39	50	56	50	52.0	N. E.	E'ly	N. E.	Rain	Misty	Rain	} 1.15	10th. Rain in the morning. Clouds broken at noon. Variable in the afternoon and evening.
10	29.54	29.60	29.65	38	45	44	42.3	N. E.	N.	N. by E.	Rain	Variable	Cloudy		11th. Mist at intervals. Wind raw at about N. by E. all day.
11	29.74	29.79	29.81	41	44	42	42.3	N. by E.	N. E'ly	N. by E.	Misty	Cloudy	Cloudy		12th. Rain in the afternoon; wind about N. N. E. Cloudy in the evening; wind N. N. W.
12	29.77	29.74	29.59	43	46	44	44.3	N. E'ly	N. E'ly	N'ly	Cloudy	M't & r'n	Cloudy	0.40	13th. Fine. Aurora in the evening, considerably bright till the rising of the moon at about 8½ o'clock.
13	29.55	29.49	29.59	42	50	41	44.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		14th. Very fine. Hazy in the evening. Rain during the night.
14	29.70	29.70	29.71	32	46	37	38.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		15th. Rain in the morning; wind E'ly. Wind came to S. and S. W. before 1 P. M.; then to W., and before night to N. W. Clear in the evening. Aurora not bright.
15	29.49	29.39	29.59	38	49	36	41.0	E'ly	S. W'ly	N. W.	Rain	Cloudy	Clear	0.50	
16	29.65	29.64	29.66	28	41	34	34.3	N. W.	W'ly	W'ly	Clear	Cloudy	Cloudy		
17	29.71	29.66	29.66	27	40	37	35.7	W'ly	W'ly	W'ly	Clear	Clear	Variable		
18	...	...	29.38	...	...	30	...	W'ly	N'ly	N. E.	Variable	Cloudy	Snow		
19	29.29	28.36	29.49	26	35	26	29.7	N. W.	N. W.	N. W.	Snow	Variable	Clear	} 0.75	16th and 17th. Fine.
20	29.62	29.64	29.78	28	34	25	29.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		18th. Wind W'ly in the morning; hazy. Wind came to N'ly before noon, with clouds increasing, and to N. E. before night. Began to snow about 5½ P. M.
21	29.91	29.90	29.94	20	37	32	29.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
22	29.96	29.85	29.75	26	33	35	31.3	N. E.	N. E.	N. E.	Variable	Cloudy	Rain	1.00	19th Seven or eight inches of snow in the morning.
23	29.38	29.36	29.50	35	30	32	32.3	N.	N.	N. W.	Misty	Misty	Clear		20th and 21st. Fine.
24	29.80	29.82	29.90	32	43	36	37.0	N. W.	N. W'ly	N. W.	Clear	Variable	Variable		22d Variable in the morning. Began to rain at 2 P. M., and continued moderately through the afternoon and night
25	29.80	29.69	29.50	36	48	33	39.0	W'ly	S'ly	N. E.	Cloudy	Cloudy	R'n & sn.	0.10	
26	29.46	29.53	29.60	32	38	34	34.7	N. W.	N. W.	N. E.	Cloudy	Variable	Cloudy		23d Mist all day; wind N'ly. Clear in the evening.
27	29.67	29.73	29.84	28	32	26	29.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		24th. Weather mild.
28	29.89	29.86	29.81	25	39	32	32.0	W'ly	W'ly	W'ly	Cloudy	Variable	Clear		25th. Wind very variable—W'ly, S'ly, S E'ly, N'ly, and N. E'ly. Commenced raining moderately from 5 to 6 P. M.
29	29.81	29.74	29.59	30	47	43	40.0	S. W'ly	S'ly	S'ly	Variable	Clear	Variable		
30	29.56	29.40	29.51	42	58	36	45.3	S. W.	S. W.	W'ly	Clear	Clear	Clear		26th. Weather variable.
Means	29.71	29.69	29.70	35.1	44.6	37.8	...	...	...	...	...	...	...	5.35	27th and 28th. Weather variable and raw.
REDUCED TO SEA LEVEL.															29th. Mild and pleasant.
Max.	30.33	30.36	30.37	50	58	50	52.0								30th. Mild and pleasant. Wind S. W., which became fresh in the afternoon and evening.
Min.	29.47	29.52	29.56	20	30	25	29.0								
Mean	29.89	29.87	29.88												
Range	0.86	0.84	0.81	30	28	25	23.0								
Mean of month			29.880	...	...	...	39.2								
Extreme range			0.90	...	...	...	38.0								

Prevailing winds from some point between—

	Days.
N. & E.	13
E. & S.	2
S. & W.	3
W. & N.	12

	Days.
Clear	9
Variable } Cloudy	12
Rain or snow fell on	9

December, 1840.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.91	30.01	30.11	22	29	20	23.7	N. W.	N. W.	N. W.	Clear	Variable	Clear		1st and 2d. Fine.
2	30.14	30.10	30.06	15	37	31	27.7	N. W.	S. W.	W'ly	Clear	Clear	Clear		3d. Very fine.
3	30.02	30.02	30.17	31	44	31	35.3	S. W.	S. W.	W'ly	Clear	Clear	Clear		4th. Raw and cold. Wind brisk N. and N. E.
4	30.27	30.30	30.28	18	26	20	21.3	N. W.	N. E.	N. E.	Clear	Variable	Cloudy		5th. Light snow in the morning. Cold and blustering through the day.
5	30.22	30.21	30.21	17	18	18	17.7	N. E.	N'ly	N. E.	Snow	Cloudy	Cloudy	0.75	6th. Cloudy in the morning; wind about E.N E., very fresh. Began to snow from 12 to 1 o'clock, and continued through the afternoon and evening.
6	30.17	30.00	29.80	18	30	30	26.0	N. E'ly	N. E'ly	N. E'ly	Cloudy	Snow	Sn. & h'l		7th. Pleasant. Snow five or six inches deep in the morning, rather wet.
7	29.96	29.95	30.06	21	32	24	25.7	N'ly	N'ly	N. W.	Variable	Variable	Clear		8th to 11th. Fine.
8	30.06	29.95	29.84	17	36	32	28.3	N. W.	S'ly	S. W'ly	Clear	Clear	Variable		12th. Cloudy. Wind S. E. in the afternoon, with appearances of rain.
9	29.81	29.80	29.75	27	43	32	34.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		13th. Heavy wind from S. E., and rain in the morning. Cloudy in the afternoon. Clear in the evening; wind W'ly.
10	29.63	29.57	29.68	37	44	36	39.0	S. E'ly	S. W.	S. W.	Cloudy	Clear	Clear		14th. Fine.
11	29.80	29.90	30.02	29	37	26	30.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		15th. Very fine.
12	30.05	30.01	29.80	18	38	38	31.3	N. W.	S. E.	S. E.	Clear	Cloudy	Cloudy		16th. Clear and pleasant in morning. Cloudy towards night. Began to rain and snow about 6 P. M.; wind N. E.
13	29.40	29.29	29.39	49	52	42	47.7	S. E.	S. W.	W'ly	Rain	Cloudy	Clear	0.75	17th. About three inches of snow in the morning. Day fine.
14	29.47	29.49	29.50	36	45	36	39.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		18th. Cold, and rather blustering.
15	29.52	29.54	29.54	36	45	44	41.7	S. W.	S. W.	S. W'ly	Clear	Clear	Variable		19th. Cold, but pleasant.
16	29.49	29.53	29.39	38	47	31	38.7	S. W.	N. W.	N. E.	Clear	Clear	R'n & sn.	0.25	20th. Cool, but pleasant.
17	29.40	29.46	29.60	27	28	21	25.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		21st. Clear and cold.
18	29.71	29.71	29.73	13	24	12	16.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		22d. Snow in the morning. Cloudy in the afternoon. Variable in the evening. Snow from two to three inches deep.
19	29.72	29.70	29.75	12	27	24	21.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		23d. Cold, but fine. Variable in the evening.
20	29.85	29.84	29.87	19	32	26	25.7	W'ly	N. W.	N. W.	Clear	Clear	Clear		24th. Wind S. W. at sunrise. Flurry of snow from 9 to 10 A. M., and wind came to N. W., and grew colder.
21	29.75	29.81	29.92	20	29	15	21.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		25th. Clear and cold. Wind light.
22	29.77	29.45	29.40	18	36	29	27.7	S'ly	S. W'ly	W'ly	Snow	Cloudy	Variable	0.15	26th. Cloudy in the morning. Began to snow from 8 to 9 A. M., and continued moderately all day and evening.
23	29.69	29.80	29.64	14	21	24	19.7	N. W.	N. W.	W'ly	Clear	Clear	Variable		27th. Ground covered with heavy snow six or seven inches deep.
24	29.46	29.59	29.71	29	26	11	22.0	S. W.	N. W.	N. W.	Clear	Clear	Clear		28th. Pleasant.
25	29.80	29.80	29.81	4	15	7	12.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		29th. Mild and pleasant.
26	29.72	29.53	29.33	9	26	32	19.0	N. E.	N. E.	E'ly	Cloudy	Snow	Snow	1.10	30th. Very mild.
27	29.34	29.40	29.47	22	22	22	22.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		31st. Very mild. Snow in the morning.
28	29.62	...	29.80	14	...	22	18.0	N. W.	...	N. W.	Clear	...	Clear		
29	29.92	29.94	29.97	20	35	32	29.0	S. W.	S. W.	S'ly	Clear	Clear	Cloudy		
30	30.00	29.97	29.96	31	40	33	34.7	S. W.	S. E.	N. E'ly	Variable	Cloudy	Cloudy		
31	29.90	29.83	29.84	31	40	34	35.0	N. E.	N. E.	W'ly	Snow	Cloudy	Cloudy	0.10	
Means	29.79	29.78	29.79	22.9	33.4	26.9	...	...	...	...	...	...	...	3.10	
REDUCED TO SEA LEVEL.															
Max.	30.45	30.48	30.46	49	52	44	47.7								
Min.	29.52	29.47	29.51	4	15	7	12.0								
Mean	29.97	29.96	29.97												
Range	0.93	1.01	0.95	45	37	37	35.7								
Mean of month		29.967		...	...	...	27.7								
Extreme range		1.01		...	...	...	48.0								

Prevailing winds from some point between—

	Days.
N. & E.	6
E. & S.	2
S. & W.	8
W. & N.	15

	Days
Clear	19
Variable, Cloudy	5
Rain or snow fell on	7

January, 1841.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.91	29.72	29.00	18	23	37	26.0	N. E'ly	N. E.	E'ly	Variable	Snow	Rain	0.90	1st. Variable at sunrise. Clouded, and began to snow from 1 to 2 P. M., pretty fast; turned to rain in the evening, with wind light E'ly.
2	29.20	29.27	29.40	21	27	19	22.3	S. W.	S. W'ly	W'ly	Clear	Clear	Clear		2d. Clear and pleasant.
3	29.42	29.46	29.64	15	19	7	13.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		3d. Clear and cold.
4	29.87	29.95	30.08	2	16	5	7.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		4th. Very clear and cold, and calm.
5	30.34	30.35	30.40	0	21	20	13.7	N. W.	W'ly	N. E.	Clear	Variable	Cloudy		5th. Very still and cold. Ther. at zero in the morning. Thermometers in low situations, —7°, —8°, and —10°.
6	30.32	30.19	30.13	34	40	42	38.7	S. E.	S. E.	S. E.	Rain	Rain	Cloudy	2.00	6th. Light wind nearly all day. Wind light S. E'ly, and foggy.
7	30.00	29.88	29.78	45	50	48	47.7	S'ly	S. E'ly	S'ly	Rain	Cloudy	Rain		7th. Very warm and showery. In the evening, wind brisk, with rain.
8	29.72	29.77	29.81	47	53	40	46.7	S'ly	S'ly	N'ly	Cloudy	Variable	Cloudy		8th. Very warm and damp. Frost out of the ground in many places. Wind changed from S'ly to N'ly in the evening.
9	29.83	29.85	29.90	35	39	35	36.3	N'ly	N. E.	N. E.	Cloudy	Cloudy	Cloudy		9th. Cloudy and mild.
10	29.93	29.89	29.88	32	34	33	33.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		10th. Cloudy all day, with some mist.
11	29.83	29.67	29.49	33	40	36	36.3	N. E.	N. E.	N. E'ly	Misty	Rain	Cloudy	0.20	11th. Mist and occasional rain during the day and evening.
12	29.69	29.78	29.96	35	41	31	35.7	W'ly	W'ly	N. W.	Clear	Clear	Clear		12th. Wind W'ly, very blustering.
13	30.03	29.95	29.88	31	33	28	30.7	S. W.	N. E.	N. E.	Cloudy	Snow	Snow	0.70	13th. At sunrise, wind light S. W., and cloudy. Began to snow from 8 to 9 A. M., and wind came to N. E. Snow continued all day and evening.
14	30.01	30.07	30.14	20	26	22	22.7	N'ly	N'ly	N'ly	Variable	Variable	Cloudy		14th. In morning, 6 or 7 inches of compact snow. Cloudy for the most part, and raw.
15	30.11	30.00	29.99	21	32	32	28.3	N'ly	W'ly	N. E'ly	Variable	Variable	R'n & sn.		15th. Variable. Light rain and snow in evening.
16	30.12	30.10	30.13	32	40	35	35.7	N. W.	N. W.	N. E.	Clear	Clear	Cloudy		16th. Very pleasant.
17	29.83	29.59	29.49	43	47	49	46.3	S. E.	S. E.	W'ly	Rain	Rain	Variable	1.15	17th. Began to rain about sunrise, with wind S. E. Rain continued all day; heavy in afternoon, with wind brisk S. W'ly. Barometer began to rise from 8 to 9 P. M. Some stars appeared.
18	29.79	29.99	30.26	28	25	14	22.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		18th. Grew cold. Wind fresh N. W.
19	30.49	30.49	30.54	12	22	19	17.7	N. W.	N. W.	N. E'ly	Clear	Clear	Hazy		19th. Wind very light. Barometer extraordinarily high. Hazy in the evening.
20	30.54	30.44	30.31	18	26	26	23.3	N. E'ly	N. E.	N. E.	Cloudy	Clear	Cloudy		20th. Wind very light N. E. Raw in afternoon; wind increasing. Snow towards morning.
21	29.79	29.49	29.42	32	35	32	33.0	N. E.	N. E.	N. E.	Rain	Rain	Cloudy	0.70	21st. Rain and snow; turned to rain; continued through morning. Cloudy afternoon and evening.
22	29.52	29.54	29.59	30	35	26	30.3	N. W.	N. W.	N. W.	Variable	Clear	Clear		22d. Fine. 23d. Cloudy and mild.
23	29.60	29.59	29.66	24	31	30	28.3	N. W.	N. W.	N. W.	Cloudy	Cloudy	Cloudy		24th. Cloudy. Wind S'ly and S. E'ly in the afternoon, and raw. Began to rain moderately from 7 to 8 P. M.
24	29.73	29.72	29.59	28	36	38	34.0	N. W.	S'ly	S. E'ly	Cloudy	Cloudy	Rain		25th. Variable. Cloudy early in the evening, with some rain. Clear at 10 P. M.
25	29.57	29.55	29.64	31	45	35	37.0	W'ly	S. W.	W'ly	Clear	Variable	Clear		26th. Clear through day. Cloudy in evening.
26	29.89	29.92	29.89	30	40	34	34.7	N. W.	W'ly	S. W'ly	Clear	Clear	Cloudy		27th. Mild through the day and cloudy. Very clear in the evening.
27	29.69	29.62	29.63	32	43	36	37.0	W'ly	W'ly	W'ly	Cloudy	Cloudy	Clear		28th. Very fine day.
28	29.80	29.85	30.03	34	42	32	36.0	W'ly	W'ly	N. W.	Clear	Clear	Clear		29th. At sunrise, wind light from N. E. Mostly cloudy. Began to snow from 11 to 12 A. M. Snow continued through afternoon.
29	30.07	29.99	29.75	28	31	32	30.3	N. E.	N. E.	N. E.	Variable	Snow	Snow	0.80	30th. Pleasant. Ground covered with about four or five inches of wet snow.
30	29.72	29.61	29.79	27	36	24	29.0	W'ly	W'ly	N. W.	Clear	Clear	Clear		31st. Very fine.
31	29.82	29.71	29.63	22	39	33	31.3	S. W'ly	S. W'ly	S. W'ly	Clear	Clear	Clear		
Means	29.87	29.84	29.83	27.2	34.4	30.0	...	...	...	...	...	...	...	6.45	
REDUCED TO SEA LEVEL.															
Max.	30.72	30.67	30.72	47	53	48	47.7								
Min.	29.38	29.45	29.18	0	16	5	7.7								
Mean	30.05	30.02	30.01												
Range	1.34	1.22	1.54	47	37	43	40.0								
Mean of month		30.023		...	...	...	30.5								
Extreme range		1.54		...	...	...	53.0								

Prevailing winds from some point between—

	Days.
N. & E.	11
E. & S.	4
S. & W.	6
W. & N.	10

	Days.
Clear	10
Variable, Cloudy	11
Rain or snow fell on	10

February, 1841.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M		
1	29.66	29.51	29.16	30	35	24	29.7	W'ly	N. E.	N. E.	Variable	Cloudy	Snow	1.25	1st. Mild and calm in the morning. Began to snow from 3 to 4 P. M. Snow thick, and the wind very fresh in the evening. Nine or ten inches of snow fell during the night.
2	29.40	29.59	29.62	17	27	20	21.3	N. W'ly	W'ly	W'ly	Clear	Clear	Cloudy		2d. Fine.
3	29.40	29.43	29.79	33	32	18	27.7	S. W.	N. W'ly	N. W.	Cloudy	Clear	Clear		3d Dash of rain from 11 to 12 A. M., with gust, and change of wind from S. W'ly to N. W'ly.
4	30.00	29.99	30.00	12	28	20	20.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		4th. Very fine. Halo round the moon in the evening.
5	29.97	29.87	29.76	15	35	23	24.3	W'ly	W'ly	W'ly	Variable	Clear	Clear		5th. Fine. Total eclipse of the moon in the evening.
6	29.74	29.69	29.75	22	40	30	30.7	W'ly	W'ly	W'ly	Variable	Variable	Clear		6th. Very mild. Wind light W'ly.
7	29.90	29.89	29.89	27	40	27	31.3	W'ly	W'ly	W'ly	Variable	Clear	Clear		7th. Very mild and pleasant.
8	29.99	29.99	29.99	21	30	24	28.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		8th. Very fine. Aurora considerably bright from 7 to 8½ P. M., when the approach of the moon extinguished it.
9	29.90	29.79	29.60	18	40	29	29.0	N. W.	W'ly	N. E.	Clear	Cloudy	Snow	0.25	9th. Mild. Began to snow from 8 to 9 P. M.
10	29.47	29.45	29.60	27	35	18	23.3	N. W'ly	W'ly	N. W.	Clear	Clear	Clear		10th. About three inches of snow on the ground. Fine during the day. Grew cold at night.
11	29.68	29.62	29.62	9	24	12	15.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		11th. Very clear.
12	29.66	29.59	29.58	2	15	6	7.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		12th Very clear and cold. Wind light; more fresh at night.
13	29.50	29.46	29.60	2	17	14	7.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		13th. Clear and cold. Wind fresh in the morning, light in the afternoon.
14	29.63	29.64	29.57	10	24	12	15.3	N. W.	W'ly	N'ly	Clear	Clear	Clear		14th. Clear and cold
15	29.51	29.50	29.63	9	19	11	13.0	N. W.	N. W.	N. W.	Variable	Variable	Clear		15th. Variable and cold.
16	29.63	29.61	29.63	14	29	22	21.7	S. W'ly	S. W'ly	S. W.	Clear	Clear	Clear		16th. Fine and milder.
17	29.55	29.54	29.70	25	31	22	29.3	N. E.	N. E.	N. E.	Snow	Cloudy	Cloudy		17th. Flurry of snow in the morning. Cloudy during the afternoon, with mist and snow in the air.
18	29.87	29.83	29.73	14	25	22	20.3	N. W'ly	N. W.	N. W.	Clear	Clear	Clear		18th. Fine.
19	29.42	29.25	29.31	28	38	30	32.0	S. W.	S. W'ly	N. W.	Variable	Cloudy	Variable		19th. Cloudy for the most part. Weather mild.
20	29.43	29.37	29.36	17	32	27	25.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		20th. Fine.
21	29.29	29.26	29.39	30	45	36	37.0	W'ly	S. W.	W'ly	Clear	Clear	Variable		21st. Very fine.
22	29.43	29.43	29.33	29	33	30	30.7	N'ly	N'ly	W'ly	Cloudy	Variable	Cloudy		22d Mild. Aurora in the evening considerably bright.
23	29.10	29.09	29.67	36	43	16	31.7	S. W.	S. W.	N. W.	Clear	Clear	Clear		23d. Mild in the morning; wind light S. W. From 3 to 4 P. M., wind came to N. W., with a marked change of temperature.
24	29.92	29.91	29.92	12	27	15	18.0	N. W.	N. W.	N. W.	Clear	Variable	Clear		24th. Clear for the most part.
25	30.01	29.98	29.94	12	30	28	23.3	W'ly	S. E.	W'ly	Clear	Clear	Clear		25th and 26th. Very fine.
26	29.90	29.84	29.81	30	44	34	36.0	S. W.	S. W.	S'ly	Cloudy	Clear	Clear		27th. Rainy in the morning; wind light N. E'ly. Cleared in the afternoon; mild.
27	29.60	29.37	29.51	34	42	35	37.0	E'ly	N. E'ly	N. W.	Rain	Misty	Clear		28th. Very fine.
28	29.65	29.69	29.71	30	44	35	36.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		
Means	29.65	29.61	29.65	20.2	32.2	22.9	...	...	...	...	...	...	...	1.50	
REDUCED TO SEA LEVEL.															
Max.	30.19	30.17	30.12	36	45	36	37.0								
Min.	29.28	29.27	29.34	2	15	6	7.7								
Mean	29.83	29.79	29.83												
Range	0.91	0.90	0.78	34	30	30	29.3								
Mean of month			29.827	...	...	...	25.1								
Extreme range			0.92	...	...	...	43.0								

Prevailing winds from some point between—

	Days.
N. & E.	4
E. & S.	1
S. & W.	8
W. & N.	15

	Days.
Clear	16
Variable, Cloudy	8
Rain or snow fell on	4

March, 1841.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.65	29.59	29.62	34	47	37	39.3	W'ly	W'ly	W'ly	Clear	Cloudy	Clear		1st. Very fine.
2	29.75	29.78	29.78	35	45	30	36.7	N'ly	N. E'ly	N. E.	Clear	Clear	Hazy		2d. Very fine. Halo about moon in evening.
3	29.69	29.59	29.58	30	43	33	35.3	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		3d Cloudy for the most part; mild. In evening, wind N. E., while the clouds came from W'ly.
4	29.72	29.79	29.94	27	32	20	26.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		4th. Very fine.
5	30.12	30.12	30.14	11	25	20	18.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		5th. Very clear, but cold.
6	30.15	30.00	29.60	19	35	30	28.0	N. E.	S. E'ly	N. E'ly	Variable	Cloudy	Snow	0.75	6th. Cloudy in the morning; wind light N. E; came to E'ly and S. E. before noon, and clouds continued. Began to snow from 4 to 5 P. M., with wind about E. N. E., very fresh. Heavy wind, rain, and snow during the night.
7	29.11	29.16	29.29	37	42	36	38.3	S. W'ly	W'ly	W'ly	Cloudy	Variable	Variable		7th. Cloudy. Wet under foot. Weather mild.
8	29.27	29.31	29.55	30	39	28	32.3	W'ly	W'ly	N. W.	Cloudy	Cloudy	Variable		8th. In the morning, ground covered with four or five inches of damp snow, which fell during the night. Weather blustering.
9	29.62	29.85	29.99	26	42	31	33.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		9th. Pleasant.
10	29.99	29.96	29.86	30	38	32	33.3	W'ly	S. W'ly	S. W'ly	Variable	Cloudy	Snow	0.15	10th. Cloudy. Flurry of snow in the afternoon, and snow in the evening.
11	29.80	29.79	30.00	29	39	26	31.3	N. W.	S. W.	N. W.	Clear	Clear	Clear		11th. Three or four inches of light snow fell during the previous night. Pleasant during day.
12	30.12	30.07	29.87	19	36	26	27.0	N. W.	N. E.	N. E.	Clear	Cloudy	Cloudy		12th. Raw and unpleasant. Snow during the night, with a heavy blow from N. E'ly.
13	29.12	28.90	29.20	28	38	28	31.3	E'ly	S. W'ly	W'ly	Snow	Clear	Clear	1.00	13th. In the morning, ground covered with wet snow, four or five inches deep on an average, considerably drifted. Storm moderated. From 10 to 12 A. M., wind came round to S. W'ly. Cleared in the afternoon; still blustering.
14	29.36	29.47	29.60	21	34	32	29.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		14th. Pleasant, but cool.
15	29.85	29.90	30.00	20	26	21	22.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		15th. Wind brisk N. W., and cold quite severe.
16	30.01	29.98	30.07	17	26	20	21.0	N. E.	N. E.	N'ly	Cloudy	Snow	Variable	0.33	16th. At sunrise, cloudy; wind N. E., rather light. Began to snow from 9 to 10 A. M.; wind increased, with driving snow all day. Cleared in the evening.
17	30.21	30.16	30.11	16	27	20	21.0	N.	N. E.	N. E.	Variable	Clear	Clear		17th. Raw and cold.
18	29.95	29.84	29.71	21	33	35	29.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		18th. Cloudy, with slight sprinkling of rain.
19	29.74	29.74	29.79	33	57	44	44.7	N.	N. W.	N. W.	Clear	Clear	Clear		19th. Very fine.
20	29.79	29.68	29.69	34	63	49	48.7	S. W.	S. W'ly	W'ly	Clear	Clear	Clear		20th. Uncommonly mild.
21	29.74	29.78	29.99	40	46	34	40.0	W'ly	W.	N. W.	Clear	Clear	Clear		21st. Very fine. In the afternoon, wind changed W'ly to N. W., and grew cooler.
22	30.11	30.12	30.06	26	46	35	35.7	N. W.	S'ly	S'ly	Clear	Clear	Hazy		22d. Fine.
23	29.79	29.63	29.50	38	54	49	47.0	S. W.	S. W.	S. W.	Cloudy	Cloudy	Rain	0.33	23d. Wind S. W'ly, and damp during the day. Began to rain from 4 to 5 P. M. Rain, with thunder, in the evening.
24	29.69	29.69	29.70	34	54	41	43.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		24th. Very fine. Aurora in the evening—low and not very bright.
25	29.87	29.88	29.90	36	54	49	46.3	N. W.	S. W.	S. W.	Clear	Clear	Clear		25th, 26th, and 27th. Very fine.
26	29.84	29.79	29.76	38	60	52	50.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		28th. Cloudy and mild.
27	29.75	29.73	29.70	51	63	48	54.0	S. W.	S. E.	S'ly	Clear	Clear	Variable		29th. Light rain at intervals all day.
28	29.63	29.66	29.79	47	60	44	50.3	S. W.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		30th. Raw and cold.
29	29.85	29.69	29.43	37	36	33	35.3	N. E.	N. E.	N. E.	Rain	Rain	Cloudy	0.30	31st. Clear and cold.
30	29.52	29.72	29.99	31	32	23	28.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Clear		
31	30.11	30.05	30.00	19	38	31	29.3	N. W.	N. W.	S'ly	Clear	Clear	Clear		
Means	29.78	29.72	29.77	29.5	42.3	33.4	...	...	...	...	...	...	...	2.86	
REDUCED TO SEA LEVEL.															
Max.	30.39	30.34	30.32	51	63	52	54.0								
Min.	29.29	29.34	29.38	11	25	20	18.7								
Mean	29.96	29.90	29.95												
Range	1.10	1.00	0.94	40	38	32	35.3								
Mean of month			29.937	...	...	...	35.1								
Extreme range			1.10	...	...	...	52.0								

Prevailing winds from some point between—

	Days.
N. & E.	9
E. & S.	2
S. & W.	10
W. & N.	10

	Days.
Clear	17
Variable, Cloudy	5
Rain or snow fell on	9

April, 1841.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.80	29.64	29.73	34	48	41	41.0	S. W.	S. W.	S. W.	Cloudy	Variable	Clear		1st. Cloudy, with some rain, in the morning. Clear in the afternoon and evening.
2	29.75	29.73	29.27	34	60	51	48.3	S. W.	S. W.	S. W.	Foggy	Clear	Rain	0.75	2d. Foggy in the morning. Clear in afternoon. Thunder and lightning, with a heavy gust and rain, from 9 to 11 P. M.
3	29.58	29.73	29.92	34	44	37	38.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
4	30.01	29.89	29.65	34	50	45	43.0	S'ly	S. E.	S. E.	Clear	Cloudy	Rain	} 1.00	3d. Fine, but cool.
5	29.26	29.49	29.65	48	56	47	50.3	N. W.	N. W.	S. W.	Cloudy	Clear	Clear		4th. Clear in morning. Cloudy in afternoon. Rain in evening, with strong wind from S. E.
6	29.74	29.80	29.92	40	52	36	42.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		5th and 6th. Fine.
7	29.96	29.85	29.71	36	51	38	41.7	W'ly	S. W.	S. W'ly	Cloudy	Cloudy	Rain	0.33	7th. Cloudy in morning. Began to rain very moderately from 3 to 4 P. M.
8	29.60	29.59	29.68	37	51	41	43.0	W'ly	W'ly	S. E'ly	Cloudy	Variable	Clear		8th. Cloudy in morning. Clear in afternoon.
9	29.69	...	...	41	...	...	...	W'ly	...	...	Cloudy	Rain	Cloudy	0.15	9th. Light showers during the day.
10	...	...	29.74	...	...	31	...	...	...	N. E.	...	...	Cloudy		10th. Cold and raw, with wind at N. E.
11	29.88	29.97	30.06	25	36	26	29.0	N. E.	N. E.	N. E.	Cloudy	Clear	Clear		11th. Very raw and cold.
12	30.11	29.87	29.84	24	37	32	31.9	N. E.	E'ly	N. E'ly	Variable	Cloudy	Snow	} 1.75	12th. Cold and raw. Wind brisk N. E'ly, varying to E'ly. Began to snow from 8 to 9 P. M., and continued all night, with a heavy N. E'ly wind.
13	29.61	29.57	29.62	28	32	30	30.0	N. E'ly	N.	N. W.	Snow	Snow	Clear		13th. Snow very deep and still snowing. Wind came to N. W. at 4 or 5 P. M.; snow ceased. Snow, though rather moist, is somewhat drifted, and, by measurement in different places, is believed to be, on the average, 16 or 18 inches deep. It is by far the heaviest fall of snow during the winter. Including what was absorbed by the ground, the snow must have been equal to 1.75 inch of water.
14	29.64	29.68	29.79	27	45	36	36.0	N. W.	N. W.	N. W.	Variable	Clear	Clear		
15	29.92	30.07	30.21	30	42	34	35.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
16	30.26	30.24	30.16	31	47	37	38.3	N. W.	W'ly	S. W.	Clear	Clear	Clear		
17	30.01	29.85	29.71	40	46	45	43.7	S. W.	S. W.	S. W.	Variable	Rain	Cloudy	} 0.55	
18	29.34	29.26	29.55	45	57	35	45.7	S. W.	N. W.	N. W.	Rain	Clear	Clear		
19	29.75	29.83	29.81	31	47	38	38.7	N. W.	W'ly	S. W.	Clear	Clear	Clear		
20	29.95	30.01	30.02	43	52	46	47.0	S. W.	S'ly	S. W.	Variable	Cloudy	Cloudy		
21	29.94	29.68	29.69	48	48	44	46.7	S. E.	N. E.	N. E.	R'n, cl'y	Rain	Cloudy		
22	29.82	29.92	29.96	40	40	40	40.0	N. E.	N. E.	N. E.	Cloudy	Rain	Cloudy		
23	29.96	30.00	29.98	40	46	42	42.7	N. E.	N. E.	N. E.	Rain	Cloudy	Cloudy		
24	29.94	29.89	29.89	44	57	50	50.3	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		
25	29.92	29.98	29.96	43	46	40	43.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy	} 3.25	
26	28.95	29.76	29.61	41	53	50	48.0	N. E.	N. E.	S'ly	Cloudy	Cloudy	Fog, cl'y		
27	29.51	29.45	29.58	48	50	42	46.7	S'ly	S. W.	N. W.	Fog, cl'y	Rain	Clear		
28	29.66	29.67	29.65	35	58	50	47.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
29	29.66	29.52	29.28	44	68	46	52.7	N. W.	S. W.	S. E.	Clear	Variable	Rain		
30	28.74	28.77	28.86	44	48	43	44.3	N. E.	N. W.	N. W.	Rain	Cloudy	Variable		
Means	29.72	29.74	29.74	37.5	48.7	40.4	...	...	...	...	...	...	...	7.78	
REDUCED TO SEA LEVEL.															
Max.	30.44	30.42	30.39	48	68	51	52.7								
Min.	28.92	28.95	29.04	24	32	26	29.0								
Mean	29.90	29.92	29.92												
Range	1.52	1.47	1.35	24	36	25	23.7								
Mean of month			29.913	...	...	...	42.2								
Extreme range			1.52	...	...	...	44.0								

Prevailing winds from some point between—

	Days.
N. & E.	10
E. & S.	1
S. & W.	10
W. & N.	10

	Days.
Clear	8
Variable, Cloudy	7
Rain or snow fell on	16

May, 1841.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	28.99	29.15	29.39	42	52	46	46.7	N. W.	N. W.	N. W.	Cloudy	Cloudy	Cloudy		1st. Cold and raw. Wind N. W. Occasional sprinkling of rain.
2	29.47	29.48	29.29	41	56	34	43.7	W'ly	S. W.	N. W.	Clear	Variable	Clear		2d. Showery from 2 to 5 P. M. At 8 P. M., wind N. W., and clear.
3	29.20	29.45	29.59	36	45	37	49.3	N. W.	N. W.	N. W.	Cl'dy, r'n	Clear	Clear	0.50	3d. Light rain last night. Air full of snow for several hours in the morning. Cleared in the afternoon, and very blustering all day.
4	29.56	29.53	29.60	34	54	42	43.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		4th. Clear, but cool.
5	29.62	29.64	29.67	39	59	45	47.7	N. W.	S'ly	S. W.	Clear	Clear	Cloudy		5th. Pleasant.
6	29.60	29.60	29.69	43	50	42	45.0	S. E.	S. W.	N. W.	Misty	Misty	Clear		6th. Misty in the morning; wind S. W. Wind came to N. W towards night, and cleared.
7	29.84	29.82	29.84	42	64	52	52.7	N. W.	W'ly	S. W'ly	Clear	Clear	Cloudy		7th. Pleasant. Clouded over towards night.
8	29.79	29.77	29.81	46	52	46	48.0	N. E.	N. E.	N. E.	Rain	Cloudy	Clear	0.10	8th Moderate rain in the morning. Clear in the evening; wind N. E.
9	29.92	29.91	29.89	45	66	50	53.7	N. W.	W'ly	S. W.	Clear	Clear	Clear		9th. Very fine.
10	29.73	29.51	29.29	48	52	50	50.0	S'ly	S. E.	S'ly	Rain	Rain	Cloudy	1.25	10th. Rain steady and pretty copious nearly all day.
11	29.13	29.10	29.22	46	62	50	52.7	N'ly	W'ly	W'ly	Cloudy	Cloudy	Clear		11th. Cloudy in morning. Clear in evening.
12	29.29	29.29	29.49	46	67	50	54.3	W'ly	W'ly	N. W.	Clear	Variable	Variable		12th. Pleasant. Cloudy towards night.
13	29.50	29.54	29.58	43	61	44	49.3	N. W.	N. W.	S. W.	Clear	Variable	Clear		13th. Fine.
14	29.60	29.59	29.68	40	66	48	51.3	S'ly	S'ly	S'ly	Clear	Clear	Cloudy		14th. Clear in the morning. Cloudy in the afternoon. Shower from 6 to 7 P. M.
15	29.80	29.79	29.86	41	59	45	48.3	N. W.	S'ly	S'ly	Clear	Clear	Clear		15th. Fine.
16	29.87	29.85	29.81	42	63	48	51.0	W'ly	W'ly	S. W'ly	Clear	Variable	Clear		16th. Changeable. Light shower from 10 to 11 A. M.
17	29.50	29.39	29.51	46	60	48	51.3	S. W'ly	S. W.	N. W.	Clear	Cloudy	Clear		17th. Variable. Sprinkling of rain in the morning. Gust from 3 to 4 P. M. Wind changed from S. W. to N. W.
18	29.51	29.46	29.63	44	55	47	48.7	N. W.	N. W.	N. W.	Clear	Cloudy	Cloudy		18th. Cloudy for the most part. Rather blustering. Sprinkling of rain in the evening.
19	29.67	29.68	29.79	44	56	46	48.7	N. E.	N'ly	S'ly	Clear	Cloudy	Variable		19th. Cloudy for the most part.
20	29.76	29.75	29.75	44	69	59	57.3	W'ly	W'ly	W'ly	Clear	Clear	Clear		20th. Very fine. The first day which has been warm for the season.
21	29.78	29.78	29.82	59	80	65	68.0	W'ly	W'ly	S. W.	Clear	Variable	Clear		21st. Very warm.
22	29.92	29.93	29.93	59	75	59	64.3	S. W.	S. W.	S. W.	Variable	Variable	Cloudy		22d. Warm. Cloudy in the afternoon. Sprinkling of rain in the evening.
23	29.92	29.88	29.84	60	70	64	64.7	S. W.	S. W.	S. W.	Cl'y, sh'r	Cloudy	Clear	0.33	23d. Cloudy in the morning. Thundershower from 8 to 9 A. M. Sun out in the afternoon. Clear and warm in the evening.
24	29.88	29.84	29.88	62	75	63	66.7	S. W.	S. W'ly	S. W.	Clear	Clear	Clear		24th and 25th. Very fine.
25	29.86	29.85	29.84	61	73	64	66.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		26. Light shower from 8 to 9 A. M. Cloudy all day. Stars out in the evening. Halo round the moon.
26	29.78	29.74	29.78	62	68	61	63.7	S. W.	S. W.	S. W.	Cloudy	Cloudy	Foggy		27th. Cloudy, with sprinkling of rain in the afternoon.
27	29.86	29.88	29.90	60	70	62	64.0	S. W.	S. W.	S. W.	Foggy	Misty	Cloudy		28th. Shower from 6 to 7 A. M. Cloudy through the day. Clear in the evening.
28	29.88	29.85	29.81	60	73	65	66.0	S. W.	S. W.	W'ly	Rain	Cloudy	Clear		29th. Very warm in the morning. Hot sun.
29	29.83	29.83	29.84	62	79	53	64.7	S. W.	S'ly	N. E.	...	Clear	Cloudy		30th. Cloudy in the morning. Clear in the afternoon and evening, and cool.
30	29.85	29.89	29.89	52	62	50	54.7	N. E.	N. E.	N. E.	Cloudy	Clear	Clear		31st. Wind light N. E Weather cool. Day and evening nearly cloudless. Frost in the vicinity this morning.
31	29.89	29.80	29.80	44	66	46	52.0	N. E.	N. E.	N. E.	Clear	Clear	Clear		
Means	29.67	29.66	29.70	48.2	63.2	51.0	...	...	...	...	...	...	...	2.18	
REDUCED TO SEA LEVEL.															
Max.	30.10	30.11	30.11	62	80	65	68.0								
Min.	29.17	29.28	29.40	34	45	34	43.3								
Mean	29.85	29.83	29.88												
Range	0.93	0.83	0.71	28	35	31	24.7								
Mean of month			29.853	...	...	...	54.1								
Extreme range			0.94	...	...	...	46.0								

Prevailing winds from some point between—

	Days.
N. & E.	4
E. & S.	1
S. & W.	17
W. & N.	9

	Days.
Clear	10
Variable, Cloudy	8
Rain fell on	13

June, 1841.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. At 6 A. M.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER	REMARKS.
1	29.74	29.69	29.64	42	66	54	54.0	N. E.	S. E'ly	S. E'ly	Cloudy	Clear	Clear		1st. Cloudy in the morning. Cool all day.
2	29.60	29.52	29.59	55	75	62	64.0	W'ly	N. W.	W'ly	Clear	Clear	Clear		2d. Very fine in the morning. Heavy dash of rain for five minutes at 5 P. M.
3	29.64	29.62	29.68	55	71	61	62.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		3d. Very fine all day and evening.
4	29.65	29.64	29.58	55	75	66	65.3	N. W.	S. W.	S. W.	Clear	Clear	Clear		4th. Very fine.
5	29.49	29.47	29.72	67	86	59	70.7	W'ly	N. W.	N. E.	Clear	Clear	Clear		5th. Very warm. From 3 to 4 P. M., the wind changed from N. W. to N. E., and grew cooler.
6	29.84	29.83	29.84	55	65	58	58.7	N. E.	N. E.	N. E.	Clear	Clear	Clear		6th. Fine.
7	29.74	29.68	29.60	55	81	67	67.7	S'ly	S. W.	S. W.	Clear	Clear	Clear		7th. Fine. Very burning sun.
8	29.61	29.60	29.59	71	90	81	80.7	W'ly	N. W'ly	N. W.	Clear	Clear	Clear		8th. Excessively hot.
9	29.67	29.68	29.70	60	74	60	64.7	N. E.	N. E.	N. E.	Cloudy	Clear	Cloudy		9th. Cloudy the greater part of the day. From 2 to 3 P. M., a sprinkling of rain.
10	29.70	29.67	29.64	61	76	69	68.7	N. E.	S. W.	S. W.	Cloudy	Clear	Variable		10th. Fine for the most part.
11	29.49	29.41	29.36	67	87	76	76.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		11th. Fine. Sun very hot.
12	29.38	29.51	29.61	67	74	64	68.3	N'ly	N'ly	S'ly	Clear	Clear	Clear		12th. Fine.
13	29.63	29.62	29.59	62	74	62	65.7	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		13th. Cloudy. Sprinkling of rain from 10 to 11 A. M.
14	29.59	29.58	29.57	62	75	63	66.7	S. W.	S. W.	S. W.	Variable	Clear	Cl'y, sh'r	0.25	14th. Mostly cloudy. Lightning and thunder in the evening. Shower during the night.
15	29.50	29.49	29.54	62	75	66	67.7	S. W.	S. W.	N. W.	Cloudy	Cloudy	Clear		15th. Cloudy, with occasional sprinkling of rain.
16	29.66	29.66	29.78	61	76	64	67.0	N.	N'ly	N. W.	Clear	Clear	Clear		16th and 17th. Fine.
17	29.87	29.88	29.88	59	78	67	68.0	N'ly	N. E.	S. W.	Clear	Clear	Clear		18th. Cloudy in the morning. Began to rain gently from 3 to 4 P. M., and continued till sunset.
18	29.92	29.90	29.90	63	70	58	63.7	S'ly	S'ly	S. E.	Variable	Cloudy	Cloudy		19th. Moderate rain at intervals during the day and evening.
19	29.87	29.82	29.73	57	65	58	60.0	S. E.	E'ly	N. E'ly	Cl'dy, r'n	Cloudy	Rain	0.53	20th. Clear in the morning; wind N. E. Cloudy in the afternoon; cool.
20	29.73	...	29.85	55	...	57	...	N. E'ly	...	N. E.	Clear	...	Cloudy		21st. Fine.
21	29.92	29.92	29.91	52	71	61	61.3	N. E'ly	N. E'ly	S. W.	Clear	Clear	Clear		22d. Fine in the morning. Cloudy in the afternoon.
22	29.90	29.87	29.80	59	70	65	64.7	S. W.	S. W.	S. W.	Clear	Cloudy	Cloudy		23d. Fine.
23	29.72	29.68	29.64	66	76	71	71.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		24th. Wind light N. E. Weather cloudy.
24	29.64	29.69	29.78	70	73	64	69.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		25th. Cloudy.
25	29.82	29.80	29.80	60	71	66	65.7	N. E.	N. E.	N. E.	Misty	Cloudy	Cloudy		26th. Moderate rain at intervals in the morning. Clear towards night and in the evening.
26	29.75	29.67	29.68	62	77	72	70.3	S. E.	S. W.	S. W.	Rain	Cloudy	Clear	0.20	27th. Very sultry.
27	29.69	29.70	29.71	73	80	73	75.3	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		28th. Cloudy in the morning. Clear in the afternoon and evening.
28	29.64	29.67	29.67	71	81	72	74.7	S. W'ly	S. W'ly	W'ly	Cloudy	Variable	Clear		29th. Very burning sun all day. Fresh breeze from W'ly.
29	29.68	29.65	29.62	72	85	80	79.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		30th. Very burning sun. From 4 to 5 P. M., a thunder-cloud passed a few miles to north of us. The wind followed to the N. and N. E., very cool and refreshing, and continued to E. and S., and became fixed at S. W. in the evening; very fresh, but warm.
30	29.66	29.56	29.57	78	90	79	82.3	W'ly	W'ly	S. W.	Clear	Clear	Clear		
Means	29.69	29.67	29.68	61.8	76.1	65.8	...	...	...	...	...	...	...	0.98	
REDUCED TO SEA LEVEL.															
Max.	30.10	30.10	30.09	78	90	81	82.3								
Min.	29.56	29.59	29.54	42	65	54	54.0								
Mean	29.87	29.84	29.86												
Range	0.54	0.51	0.55	36	25	27	28.3								
Mean of month			29.857	...	...	...	67.9								
Extreme range			0.56	...	...	...	48.0								

Prevailing winds from some point between—

	Days.
N. & E.	9
E. & S.	1
S. & W.	14
W. & N.	6

	Days.
Clear	15
Variable, Cloudy	7
Rain fell on	8

July, 1841.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.57	29.56	29.57	77	72	71	73.3	S. W.	N'ly	N. W'ly	Clear	Rain	Clear	0.33	1st. Very hot in the morning. Fine shower from noon to 1½ P. M. Clear in the evening.
2	29.63	29.63	29.72	66	78	62	68.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		2d. Fine. Evening cool.
3	29.74	...	...	56	...	...	...	N. W.	...	...	Clear	...	...		
4	...	...	...	...	...	...	...	...	...	...	...	...	...		
5	...	...	...	...	...	...	...	...	...	...	...	...	Shower	1.75	5th. Thunder, with very heavy rain, from 10 to 11 P. M.
6	...	29.62	29.59	...	82	71	...	...	S. W.	S. W.	...	Clear	Cloudy		6th. Wind very fresh S. W. in the evening.
7	29.61	29.62	29.61	66	79	71	70.3	S. W.	S. W.	S. W.	Sh'r, cl'r	Clear	Cloudy	0.20	7th. Shower from 1 to 2 A. M. Clear for the most part during the day. Cloudy in the evening.
8	29.62	29.64	29.71	64	74	65	67.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		8th and 9th. Very fine.
9	29.81	29.79	29.71	60	76	67	67.7	N. W.	W'ly	S. W.	Clear	Clear	Clear		10th. Light showers in the morning. Clear in the afternoon and evening.
10	29.59	...	...	65	...	65	...	S. W.	...	N. W.	Cloudy	...	Clear		11th, 12th, and 13th. Very fine.
11	29.69	...	29.61	60	...	63	...	N. W.	...	N. W.	Clear	...	Clear		
12	29.62	29.59	29.59	56	78	65	66.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
13	29.62	29.66	29.67	61	78	71	70.0	N. W.	S'ly	S. W'ly	Clear	Clear	Clear		
14	29.70	29.69	29.68	67	83	71	73.7	S. E'ly	S'ly	W'ly	Clear	Clear	Shower	2.00	14th. Fine during the day. Very powerful rain from 9 to 11 P. M., with thunder and lightning.
15	29.63	29.60	29.59	71	84	74	76.3	W'ly	S. W.	W'ly	Cloudy	Clear	Clear		15th. Fine.
16	...	...	...	...	...	...	...	...	...	...	...	...	...		16th. Sprinkling of rain, with thunder in the afternoon.
17	29.72	29.80	29.81	66	72	64	67.3	N. E.	N. E.	N. E.	Clear	Clear	Clear		17th to 22d. Very fine.
18	29.83	...	29.82	64	...	64	...	N. W.	...	S. W'ly	Clear	Clear	Clear		
19	29.83	29.81	29.87	62	80	70	70.7	S. W'ly	S. W'ly	S. W.	Clear	Clear	Clear		
20	29.98	30.03	30.06	68	80	71	73.0	N. E.	N. E.	S'ly	Clear	Clear	Clear		
21	30.09	30.01	29.97	67	82	72	73.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		
22	29.94	29.85	29.76	67	83	75	75.0	S. W.	S. W.	S. W.	Clear	Cl'r, sh'r	Clear	0.10	
23	29.77	29.75	29.80	74	87	65	78.7	S. W.	W'ly	N. E.	Hazy	Variable	Cloudy		23d. Very hot in the morning; wind W'ly. Thunder, with a light shower, at 2 P. M.; wind came to N. E., and became cooler.
24	29.86	29.83	29.83	64	80	72	72.0	N. E.	E'ly	S'ly	Cloudy	Variable	Cloudy		24th. Pleasant.
25	29.78	29.66	29.60	73	84	76	77.7	S. W'ly	S. W.	S. W.	Rain	Clear	Clear	0.10	25th. Light shower in the morning. Sun out at noon. Cloudy, with appearances of rain, in the afternoon and evening.
26	29.60	29.67	29.77	73	80	65	72.7	N. W.	N. W.	N. W.	Variable	Clear	Clear		26th and 27th. Very fine.
27	29.80	29.74	29.70	60	77	66	67.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		28th. Light shower in the morning; then pleasant.
28	29.60	29.62	29.77	64	74	62	66.7	S. W.	W'ly	N. W.	Rain	Clear	Clear	0.10	29th and 30th. Very fine.
29	29.82	29.78	29.71	54	72	62	62.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		31st. Wind N. E. Moderate rain all day.
30	29.72	29.70	29.72	62	77	67	68.7	W'ly	W'ly	S. W.	Clear	Clear	Clear		
31	29.68	29.67	29.64	62	65	59	62.0	N. E.	N. E.	N. E.	Rain	Rain	Rain	0.55	
Means	29.73	29.73	29.72	64.8	78.2	67.8	...	...	...	...	...	...	...	5.13	
REDUCED TO SEA LEVEL.															
Max.	30.27	30.21	30.24	77	87	76	78.7								
Min.	29.75	29.74	29.75	54	65	59	56.0								
Mean	29.90	29.90	29.89												
Range	0.52	0.45	0.49	23	22	17	22.7								
Mean of month			29.897	...	...	...	70.0								
Extreme range			0.53	...	...	...	33.0								

Prevailing winds from some point between—

	Days.
N. & E.	4
E. & S.	1
S. & W.	12
W. & N.	11

	Days.
Clear	16
Variable, Cloudy	2
Rain fell on	10

(3 days omitted.)

August, 1841.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. At 6 A. M.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
1	29.69	29.70	29.84	60	65	56	60.3	N. E.	N. E.	N. E.	Cloudy	Cloudy	Clear		1st. Rain in the forenoon. Cloudy in the afternoon. Clear in the evening.
2	29.90	29.94	29.97	57	76	67	66.7	N. W.	S. W'ly	S. W.	Clear	Clear	Clear		2d. Very fine.
3	29.99	29.97	29.95	64	80	66	70.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		3d. Fine. Very hot sun.
4	29.91	29.83	29.77	65	87	74	75.3	S. W.	S. W.	S. W.	Clear	Clear	Variable		4th. Many clouds and haze during the day, with moderate rain at 10 P. M., and continued only for a short time.
5	29.71	29.70	29.67	71	84	72	75.7	N. W'ly	S. W'ly	S'ly	Variable	Clear	Rain		5th. Hazy, and occasional appearances of rain towards night. Hot sun at mid-day.
6	29.68	29.67	29.70	67	76	66	69.7	N. E'ly	N. E'ly	N. E.	Variable	Clear	Cloudy		6th, 7th, and 8th. Fair.
7	29.74	29.77	...	61	82	...	...	N. E.	N. E.	...	Cloudy	Clear	...		9th. Wind fresh S. W.; cloudy. Began to rain from 9 to 10 A. M., and was showery through the day.
8	...	...	...	...	...	...	...	...	...	...	...	...	...		10th. Very warm and sultry. Began to rain about 10 P. M., and rained all night.
9	...	29.80	29.77	...	73	73	...	...	S. W.	S. W.	...	Rain	Clear	0.25	11th. Rain continued till between 8 and 9 A. M.; then cloudy.
10	29.83	29.84	29.85	71	81	74	75.3	S. W.	S. W.	S. W.	Clear	Clear	Cloudy		12th. Clear for the most part, and pleasant.
11	29.77	29.78	29.80	70	68	65	67.7	E'ly	N'ly	N. E'ly	Rain	Cloudy	Cloudy	1.40	13th to 16th. Pleasant.
12	29.78	29.81	29.78	65	78	72	71.7	N. E.	W'ly	S. W.	Cloudy	Clear	Cloudy		17th. Air smoky and hazy.
13	29.78	29.76	29.75	68	78	69	71.7	S. W'ly	S. W.	S. W.	Cloudy	Variable	Clear		18th. Foggy in the morning.
14	29.80	29.85	29.87	65	67	64	65.3	N. E.	N. E.	N. E.	Variable	Variable	Variable		20th. Heavy shower, with thunder, from 2 to 3 P. M.
15	30.05	30.11	30.10	62	75	64	67.0	N. E.	S. E.	S. W.	Variable	Clear	Clear		21st. Very hot.
16	30.11	30.07	30.02	54	73	69	65.3	N. W.	S'ly	W'ly	Clear	Clear	Clear		22d. Shower in the morning; wind S. W. Wind changed to N'ly, from 10 to 11 A. M. Cloudy in the afternoon. Clear in the evening.
17	29.94	29.89	29.87	62	78	73	71.0	W'ly	S. E.	S. W.	Clear	Clear	Clear		23d. Cool and pleasant.
18	29.85	29.82	29.80	66	81	70	72.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		24th and 25th. Very fine.
19	29.79	29.75	29.77	69	82	74	75.0	S. W.	S. E.	S'ly	Variable	Variable	Cloudy	1.10	26th. Fine day.
20	29.78	29.78	29.79	70	83	74	75.7	W'ly	S. E.	S. W.	Clear	Variable	Cloudy		27th. Moderate rain towards evening; wind S. E.
21	29.79	29.78	29.72	71	84	74	76.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		28th. Mist and some rain in the morning; wind N. E. Rain again towards night.
22	29.69	29.67	29.74	73	70	67	70.0	S. W.	N'ly	N. W.	Rain	Cloudy	Clear	0.20	29th. Cloudy, with occasional rain. Wind light N. E.
23	29.80	29.88	29.91	60	72	61	64.3	N. W.	N. E.	N. E'ly	Clear	Clear	Clear		
24	30.04	30.04	30.04	55	74	64	64.3	N. W.	W'ly	S. W'ly	Clear	Clear	Clear		
25	30.06	30.00	30.08	56	75	61	64.0	W'ly	S. W.	W'ly	Clear	Clear	Clear		
26	29.94	29.88	29.85	58	76	62	65.3	W'ly	S. W.	W.	Clear	Clear	Cloudy		
27	29.85	29.84	...	56	69	...	...	N. E.	N. E.	...	Cloudy	Rain	Rain		
28	...	29.88	29.94	57	70	67	65.7	N. E.	N. E.	N. E.	Rain	Clear	Cloudy	2.17	
29	29.94	29.98	29.96	68	73	68	69.7	N. E'ly	N. E.	N. E.	Cloudy	Cloudy	Rain		
30	29.92	29.80	29.76	68	70	68	68.7	E'ly	E'ly	E'ly	Rain	Rain	Misty		
31	29.73	29.71	29.72	66	74	64	68.0	W'ly	N. E'ly	N. E'ly	Cloudy	Cloudy	Cloudy		
Means	29.85	29.84	29.88	63.9	75.8	67.8	...	...	...	...	...	...	...	5.12	
REDUCED TO SEA LEVEL.															
Max.	30.29	30.29	30.28	73	87	74	76.3								
Min.	29.84	29.85	29.85	54	65	56	60.3								
Mean	30.02	30.01	30.05												
Range	0.45	0.44	0.43	19	22	18	16.0								
Mean of month		30.023		...	...	...	69.2								
Extreme range		0.45		...	...	...	33.0								

Prevailing winds from some point between—

	Days.
N. & E.	11
E. & S.	4
S. & W.	12
W. & N.	3

	Days.
Clear	10
Variable, Cloudy	10
Rain fell on	10

(1 day omitted.)

September, 1841.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.61	...	29.63	62	...	64	...	W'ly	W'ly	W'ly	Cloudy	Clear	Clear		1st. Variable. Light shower in the afternoon.
2	29.67	29.66	29.63	63	79	73	71.7	W'ly	S. W'ly	S. W.	Clear	Clear	Clear		2d. Very fine.
3	29.67	29.68	29.67	73	79	72	74.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		3d. Very warm.
4	29.55	29.42	29.43	71	81	68	73.3	S. W.	W'ly	W'ly	Cloudy	Variable	Var., sh.	0.30	4th. Variable. Shower from 10 to 11 A. M. Thundershower from 8 to 9 P. M.
5	29.50	29.57	29.68	65	74	64	67.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Misty		5th. Cloudy for the most part.
6	29.74	29.78	29.82	60	64	61	61.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Misty		6th. Cloudy all day, with some mist.
7	29.86	29.85	29.85	62	71	59	63.3	N. E.	N. E.	N. E.	Cloudy	Clear	Clear		7th. Cool. Very clear in the evening.
8	29.84	29.81	29.81	57	69	58	61.3	N. E.	N. E.	N. E.	Clear	Clear	Clear		8th and 9th. Very fine, but cool.
9	29.84	29.84	29.91	57	68	58	61.0	N. E.	N. E.	N. E.	Variable	Cloudy	Clear		10th. Cloudy.
10	29.90	29.86	...	57	68	...	...	N. E.	N. E.	...	Misty	Cloudy	...		11th. Cloudy, with mist, in the morning. Clear in the afternoon.
11	...	...	29.75	...	...	64	...	...	...	S. W.	...	...	Variable		12th. Clear in the morning. Cloudy in the afternoon.
12	29.75	29.75	29.78	64	77	69	70.0	S. W.	S. W.	N. E'ly	Clear	Variable	Cloudy		13th. Misty through the day. Some rain.
13	29.78	29.80	29.79	65	65	61	63.7	N. E.	N. E.	N. E.	Misty	Misty	Misty		14th, 15th, and 16th. Pleasant.
14	29.84	29.86	29.89	56	70	59	61.7	N'ly	N .E'ly	N. W.	Clear	Clear	Clear		17th. Mild, with indications of rain.
15	30.00	30.02	30.06	54	70	57	60.3	N. W.	N. W.	N. E'ly	Clear	Clear	Clear		18th and 19th. Pleasant.
16	30.07	30.04	30.04	52	67	55	58.0	N. E'ly	N'ly	N. E'ly	Clear	Clear	Variable		
17	29.96	29.91	29.83	52	67	60	59.7	N. E.	N. E.	E'ly	Variable	Variable	Misty		
18	29.80	29.76	29.79	55	70	62	62.1	N'ly	N. E.	N. E'ly	Cloudy	Clear	Clear		
19	29.85	29.82	29.90	56	66	56	59.3	N'ly	N. E.	N. E.	Clear	Cloudy	Clear		
20	29.90	29.90	29.89	52	68	60	60.0	E'ly	S'ly	S. W.	Clear	Clear	Clear		20th. Very pleasant.
21	29.90	29.89	29.87	56	69	59	61.3	N. E'ly	N. E'ly	N. E.	Cloudy	Variable	Cloudy		21st. Variable.
22	29.75	29.72	29.66	55	66	58	59.3	N. E.	N. E.	N. E.	Variable	Cloudy	Cloudy		22d. Cloudy, and rather raw.
23	29.64	29.64	29.69	58	71	66	65.0	N. E.	N. E.	N. E'ly	Cloudy	Cloudy	Cloudy		23d. Cloudy.
24	29.70	29.67	29.64	64	72	69	68.3	S. E'ly	S. E'ly	S. E'ly	Cloudy	Misty	Rain	0.70	24th. Cloudy. Rain in the evening.
25	29.49	29.29	29.34	68	73	61	67.3	S. E'ly	S'ly	W'ly	Rain	Rain	Clear		25th. Rainy.
26	29.49	29.50	29.58	57	70	62	63.0	S. W'ly	S. W.	W'ly	Clear	Clear	Clear		26th and 27th. Very pleasant.
27	29.76	29.79	29.80	52	68	56	58.7	N. W.	W'ly	W'ly	Clear	Clear	Clear		28th. Very fine.
28	29.82	29.75	29.68	52	72	66	63.3	W'ly	S. W.	S. W.	Clear	Clear	Variable		29th. Cloudy in the morning. Began to rain moderately from noon to 1 P. M. Rain in the evening, with wind changed from S. W. to N. E.
29	29.62	29.58	29.54	65	72	56	64.3	S. W.	S. W.	N. E.	Cloudy	Rain	Rain	1.35	30th. Clouds and mist in the morning. Cloudy in the afternoon. Very clear in the evening; wind N. W.
Means	29.75	29.74	29.74	59.0	69.4	61.4	...	...	...	...	...	...	...	2.35	
REDUCED TO SEA LEVEL.															
Max.	30.25	30.22	30.24	73	81	73	74.7								
Min.	29.67	29.47	29.52	50	58	48	52.0								
Mean	29.93	29.91	29.92												
Range	0.58	0.75	0.72	23	23	25	22.7								
Mean of month		29.920		...	...	...	63.3								
Extreme range		0.78		...	...	...	33.0								

Prevailing winds from some point between—

	Days.
N. & E.	11
E. & S.	4
S. & W.	13
W. & N.	2

	Days.
Clear	10
Variable, Cloudy	14
Rain fell on	6

October, 1841.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	...	...	29.99	...	...	45	...	...	...	N. W.	...	...	Clear		1st. Very fine, but cool.
2	30.05	30.06	30.05	38	52	46	45.3	N. W.	N. E.	N. E.	Clear	Variable	Cloudy		2d. Variable and cool.
3	29.86	29.69	29.55	45	48	38	43.7	N. E.	N. E.	N. E.	Rain	Rain	Rain		3d. Very severe N. E. storm; heavy wind.
4	29.41	29.55	29.73	34	42	42	39.3	N'ly	N'ly	N. W'ly	R'n & sn.	Misty	Cloudy	2.50	4th. Rain and snow. Wind a little W. of N., and very high. Snow in the air, and also on fences, and the roofs of houses.
5	29.80	29.81	29.84	42	47	43	44.0	N'ly	N'ly	N'ly	Cloudy	Misty	Rain		5th. Cloudy, with mist. Rain moderate in the evening.
6	29.82	29.81	29.79	43	50	46	46.3	N. W'ly	N'ly	N. W'ly	Cloudy	Cloudy	Clear		6th. Cloudy till evening; then clear.
7	29.76	29.69	29.71	46	60	47	51.0	N. W.	N. W.	E'ly	Clear	Clear	Variable		7th. Pleasant.
8	29.71	29.63	29.59	47	59	53	53.0	E'ly	E'ly	E'ly	Cloudy	Cloudy	Cloudy		8th. Cloudy.
9	29.59	29.59	29.67	57	59	47	54.3	N. W.	N. W.	N. W.	Rain	Clear	Clear		9th. Light rain in the morning. Clear in the afternoon. Aurora in evening—not very bright.
10	29.80	29.78	29.89	42	59	45	48.3	N. W.	W'ly	N. W.	Clear	Clear	Clear		10th. Pleasant.
11	29.90	29.79	29.59	38	62	55	51.7	W'ly	S. W.	S. W.	Cloudy	Variable	Cloudy		11th. Mild and pleasant. Slight frost.
12	29.59	29.53	29.55	60	65	53	59.3	S. W.	S. W.	N. W.	Cloudy	Cloudy	Clear		12th. Warm, damp, and cloudy in the morning; wind S. W. Wind came to N. W., and cleared in the evening.
13	29.65	29.66	29.76	45	55	43	47.7	N. W.	N. W.	N. W.	Cloudy	Clear	Clear		13th. Very fine. Evening uncommonly clear.
14	29.80	...	29.78	36	...	39	...	N. W.	N. W.	N. W.	Clear	Clear	Clear		14th. White frost this morning in College yard. Day very fine.
15	29.77	29.64	29.57	37	49	50	45.3	N. W'ly	S. W.	W'ly	Clear	Cloudy	Clear		15th. Light frost in College yard. From 10 to 12 A. M., wind came to S. W. From noon to 3 P. M., very gusty, with some rain; wind heavy. Clear in the evening; wind W'ly.
16	29.64	29.70	...	43	68	44	51.7	N. W.	N. W.	W'ly	Clear	Cloudy	Cloudy		16th and 17th. Pleasant.
17	29.88	...	29.87	38	...	39	...	N. W.	...	N. W.	Clear	...	Clear		18th. Frost. Day fine.
18	29.86	...	...	34	...	39	...	N. W.	...	N. W.	Clear	...	Clear		19th. Ice one-eighth of an inch thick. Day fine.
19	29.75	29.63	29.60	32	51	44	42.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		20th. Moderate rain in the morning. Misty and cloudy P. M.
20	29.48	29.24	29.18	42	45	46	44.3	S. W.	N. E'ly	N. E'ly	Cloudy	Rain	Cloudy	0.70	21st. The day fine.
21	29.11	29.10	29.21	37	47	41	41.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		22d. Mild.
22	29.24	29.27	29.43	37	52	44	44.3	W'ly	W'ly	W'ly	Clear	Variable	Variable		23d. Cloudy for the most part.
23	29.58	29.57	29.60	48	52	42	54.0	N. W.	W'ly	N. W.	Cloudy	Cloudy	Clear		24th. Shower about daylight. Pleasant through the day.
24	29.54	29.39	29.61	45	52	39	45.3	S. W'ly	S. W'ly	W'ly	Cloudy	Clear	Clear		25th. Cool, but pleasant.
25	29.70	29.70	29.89	32	39	28	33.0	N. W.	N. W.	N. W.	Clear	Variable	Clear		26th. Wind S. W., very blustering.
26	29.85	29.67	29.69	26	49	45	40.0	N. W.	S. W.	S. W.	Clear	Clear	Clear		27th and 28th. Very pleasant.
27	29.86	29.87	30.08	38	52	35	41.7	S. W.	S. W.	N. W.	Clear	Clear	Clear		29th. Mild Sun much obscured by clouds.
28	30.24	30.26	30.27	28	42	31	33.7	N. W.	N'ly	N. W.	Clear	Clear	Clear		30th. Very fine.
29	30.23	30.14	30.09	30	52	50	44.0	W'ly	S. W.	S. W.	Cloudy	Cloudy	Variable		
30	30.06	30.02	30.06	50	68	49	55.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		
31	...	...	30.10	...	62	51	...	...	S. E.	S. W.	...	Clear	Clear		
Means	29.70	29.72	29.75	40.3	53.3	43.8	...	...	...	...	...	...	...	3.20	
REDUCED TO SEA LEVEL.															
Max.	30.42	30.44	30.45	60	68	55	59.3								
Min.	29.29	29.28	29.36	26	39	28	33.0								
Mean	29.88	29.89	29.93												
Range	1.13	1.16	1.09	34	29	27	26.3								
Mean of month			29.900	...	...	...	45.8								
Extreme range			1.17	...	...	...	31.0								

Prevailing winds from some point between—

	Days.
N. & E.	7
E. & S.	1
S. & W.	9
W. & N.	14

	Days.
Clear	13
Variable, Cloudy	11
Rain or snow fell on	7

November, 1841.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.06	29.97	29.89	53	68	55	58.7	S. W.	S. W.	S. W.	Clear	Clear	Clear		1st. Very fine. Evening perfectly mild and clear.
2	29.70	29.63	29.64	57	63	49	56.3	S. W.	S. W.	S. W.	Clear	Rain	Clear		2d. At sunrise, nearly clear. Before 9 A. M., became cloudy, with heavy fog, with mist and some rain. Cleared towards night. Evening beautifully clear and mild.
3	29.64	29.64	29.51	42	59	44	48.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		
4	29.49	29.45	29.39	36	49	46	43.7	S. E.	S. E.	E'ly	Foggy	Cloudy	Cl'y, sh'r	0.35	3d. Very fine. Shower in the night.
5	29.26	29.39	29.49	44	45	38	42.3	N. W.	N. W.	N. W.	Cloudy	Cloudy	Clear		4th. Cloudy. Cold fog in the morning.
6	29.54	29.60	29.79	40	47	38	41.7	N. W.	N. W.	N. W.	Clear	Cloudy	Clear		5th. Cloudy during the day, with sprinkling of rain. Occasionally clear in the evening.
7	...	...	29.94	...	...	34	...	...	...	N. W.	...	...	Clear		
8	29.91	29.74	29.76	31	35	35	33.7	N'ly	E'ly	N. W.	Cloudy	Rain	Clear	0.20	6th. Rather raw and blustering.
9	30.07	30.11	30.23	35	41	32	36.0	N'ly	N'ly	N. E'ly	Cloudy	Variable	Clear		7th. Rather raw. Very fine in the evening.
10	30.30	30.27	30.25	30	35	27	30.7	N. E'ly	N'ly	N'ly	Clear	Clear	Clear		8th. Cloudy in the morning; wind N'ly. Began to snow about 8 A. M. Continued to snow till from 10 to 11 A. M., and turned to rain, which continued moderately, with wind E'ly, till near night. Wind came to N. W., and clear evening.
11	30.23	29.97	29.80	22	45	34	33.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
12	29.58	29.35	29.26	34	36	36	35.3	N. W.	N. E.	N'ly	Variable	Rain	Clear	0.60	
13	29.21	29.19	29.36	35	46	39	40.0	N. W.	S. W.	N'ly	Clear	Variable	Cloudy		9th. Cold and raw.
14	29.41	29.34	29.30	36	47	44	42.3	N. W.	N. W.	N. W.	Clear	Clear	Variable		10th. Very cool for the season.
15	29.17	29.13	29.16	36	45	38	39.7	N. W.	N. W.	N. W.	Clear	Variable	Variable		11th. Very pleasant, but cool.
16	29.26	29.26	29.36	30	35	32	32.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		12th. Moderate rain from 10 A. M. to 4 P. M.; wind N. E'ly. Partly clear in the evening.
17	29.47	...	29.53	34	...	32	...	N. W.	W'ly	N. W.	Clear	Variable	Clear		13th. Variable.
18	29.61	29.58	29.70	27	36	26	29.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		14th. Clear and pleasant.
19	29.80	29.80	29.73	24	39	36	33.0	N. W.	N. E.	E'ly	Clear	Cloudy	Rain	1.35	15th. Variable.
20	29.62	...	...	36	...	35	...	N. E.	...	N. W.	Rain	...	Variable		16th. Very blustering and severe.
21	29.90	...	...	32	...	34	...	N. W.	N. W.	N. W.	Clear	Clear	Clear		17th. Variable. Cloudy, clear, spitting of snow. then of rain. Evening beautifully clear.
22	29.85	29.78	29.48	34	47	56	45.7	S. E'ly	S. E'ly	S'ly	Misty	Rain	Rain	0.80	18th. Cool. Brilliant aurora all the evening; seemed to attain a maximum of brightness at 11½ o'clock; chiefly merry dancers, sometimes gathering into quite a brilliant corona near the zenith.
23	29.53	29.55	29.63	52	52	43	49.0	N. W.	W'ly	W'ly	Clear	Clear	Clear		
24	29.75	29.74	29.86	34	45	34	37.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		19th. Cloudy in the afternoon; wind N. E. and E'ly. Rain began from 7 to 8 P. M.
25	29.71	29.86	29.66	32	42	34	36.0	N. W.	N. E.	N. E.	Clear	Cloudy	Rain	0.15	20th. Rainy all day.
26	29.45	29.39	29.49	40	39	34	37.7	N. E.	N'ly	N'ly	Misty	Misty	Cloudy		21st. Clear and very fine.
27	...	29.71	29.95	26	27	22	25.0	N. W.	N. W.	N. W.	Clear	Cloudy	Clear		22d. Mist in the morning, gradually increasing to rain at noon. Rain in the afternoon. Steady and heavy rain in the evening.
28	30.12	30.15	30.12	19	30	24	24.3	N. W.	N'ly	N'ly	Clear	Cloudy	Cloudy		
29	29.84	29.63	29.71	22	22	22	22.0	N'ly	N. E'ly	N. W.	Snow	Snow	Variable	1.00	23d. Fine.
30	29.93	29.96	30.03	18	30	18	22.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		24th. Very fine.
Means	29.69	29.66	29.68	34.2	42.5	35.7	...	...	...	...	...	...	...	4.45	25th. Variable in the morning. Cloudy in the afternoon, with light rain in the evening.
REDUCED TO SEA LEVEL.															26th. Misty through the day.
Max.	30.48	30.45	30.43	57	68	56	58.7								27th. Very cold for the season.
Min.	29.35	29.31	29.34	18	22	18	22.0								28th. Very raw, and snowy air.
Mean	29.87	29.84	29.86												29th. Cold, driving snow-storm all day; began at 3 or 4 A. M., and continued till 7 or 8 P. M. Clouds broken, and the moon out, at 10 P. M. Snow deep, and considerably drifted.
Range	1.13	1.14	1.09	39	46	38	36.7								30th. Snow 7 or 8 inches deep on the level. Day pleasant.
Mean of month			29.857	...	...	...	37.5								
Extreme range			1.07	...	...	...	50.0								

Prevailing winds from some point between—

	Days.
N. & E.	10
E. & S.	1
S. & W.	4
W. & N.	15

	Days.
Clear	11
Variable, Cloudy	9
Rain or snow fell on	10

December, 1841.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.11	30.10	30.05	22	36	30	29.3	N. W.	N. W.	S. W'ly	Clear	Clear	Cloudy		1st. Pleasant.
2	30.04	30.05	30.09	30	43	32	35.0	W.	W'ly	N. W.	Clear	Clear	Clear		2d. Very pleasant.
3	30.04	29.88	29.36	31	42	45	39.3	W'ly	S. E'ly	S. E.	Cloudy	Rain	Rain	1.25	3d. Cloudy in the morning, and very damp; wind very light W'ly, but soon hauled S'ly and S. E. Began to rain moderately from 11 to 12 A. M. Rain and wind increased to a heavy storm in the evening. Cleared during the night, with wind at S. W.
4	29.14	28.96	28.97	47	50	41	46.0	S. W'ly	W'ly	W'ly	Clear	Clear	Clear		
5	28.99	...	29.00	36	...	38	...	N. W.	...	S. W.	Variable	...	Cloudy		
6	29.21	29.26	29.47	36	38	31	35.0	W'ly	N. W.	N. W.	Clear	Clear	Clear		4th. Pleasant.
7	29.66	...	29.85	26	...	26	...	N. W.	N. W.	N. W.	Clear	Clear	Clear		5th. Variable; rather blustering.
8	29.95	29.90	29.90	24	34	35	31.0	N. W.	S. W'ly	S. W'ly	Clear	Clear	Clear		6th, 7th, and 8th. Fine.
9	29.71	29.66	29.69	42	46	43	43.7	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		9th. Mild.
10	29.71	...	29.46	35	...	48	...	N. E.	...	S. E'ly	Clear	...	Rain	0.68	15th. Cloudy for the most part. Began to rain moderately from 4 to 5 P. M.
11	29.33	29.21	29.29	49	54	43	48.7	S. W.	S. W.	N. W.	Misty	Clear	Cloudy		11th. Mild and pleasant.
12	29.47	29.53	29.75	40	46	34	40.0	N. W'ly	N. W.	N. W.	Variable	Clear	Clear		12th and 13th. Pleasant.
13	29.94	29.89	29.87	26	40	34	33.3	N. W.	N. W.	S. E'ly	Clear	Clear	Clear		14th. Cloudy in the morning; wind S. E. Began to rain from 10 to 11 A. M., and continued—at times heavy—till 4 or 5 P. M., when the wind came to N. W. and cleared. Evening very clear, with faint aurora.
14	29.68	29.54	29.58	36	46	40	40.7	S. E'ly	S. E'ly	N. W.	Cloudy	Rain	Clear	0.70	
15	29.69	29.74	29.78	35	48	42	41.7	N. W.	N. W.	W'ly	Clear	Clear	Cloudy		
16	29.70	29.68	29.60	39	44	36	39.7	N. E'ly	N. E'ly	N. E.	Cloudy	Cloudy	Rain	1.85	15th. Pleasant.
17	29.33	29.10	29.13	36	36	27	33.0	N. E.	N. E.	N'ly	Rain	Misty	Cloudy		16th. Began to rain from 2 to 3 P. M.; wind N. E. Rain continued in the evening and during the night; wind increasing to a gale.
18	29.04	29.13	29.40	22	22	15	19.7	N. W.	N. W.	N. W.	Snow	Snow	Variable	0.10	
19	29.62	29.69	29.76	14	26	25	21.7	N. W.	W'ly	W'ly	Clear	Variable	Clear		17th. Heavy storm, with wind N. E., all day.
20	29.85	29.81	29.86	27	32	27	28.7	W'ly	S. W'ly	N. W.	Cloudy	Variable	Cloudy		18th. Snowed moderately, with the wind brisk at N. W., all day. Clouds broken in the evening. Two inches of dry snow.
21	29.90	29.95	30.15	19	31	12	20.7	N. E.	N. W'ly	N. W.	Snow	Cloudy	Clear	0.10	
22	30.36	30.44	30.51	5	17	8	10.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		19th. Variable; raw and blustering.
23	30.49	30.38	30.07	11	26	34	23.7	N. E'ly	E'ly	E'ly	Cloudy	Cloudy	Cloudy		20th. Pleasant.
24	29.57	29.66	...	47	44	27	39.3	S. W.	W'ly	N. W.	Rain	Clear	Variable	1.18	21st. Cold. Light snow in the morning; about two inches.
25	29.83	29.82	29.95	30	35	22	29.0	W'ly	N. W.	N. W.	Cloudy	Clear	Cloudy		22d. Cold, but pleasant. Wind light N. W.
26	29.93	29.92	29.96	13	25	20	19.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		23d. Air raw, and indications of rain. Heavy wind and rain during the night. Wind S. W.
27	30.03	30.00	30.03	17	33	26	25.3	N. W.	N. W.	S. W.	Clear	Variable	Variable		24th. Rain in the morning. Cleared from 10 to 11 P. M.
28	30.00	29.90	30.05	31	38	30	33.0	S. W.	S. W.	W.	Cloudy	Snow	Variable		25th. Pleasant.
29	30.05	30.06	30.16	28	38	29	31.7	N. W.	N. W.	N. W.	Variable	Cloudy	Clear		26th. Very fine, though cool.
30	30.13	29.94	29.76	29	37	32	32.7	S. W.	S. W.	E'ly	Variable	Cloudy	Snow		27th. Mild and pleasant. Very bright and well-defined halo round the moon from 10 P. M.
31	29.76	29.64	29.69	32	38	30	33.3	N. W.	W'ly	W'ly	Clear	Clear	Variable		28th. Moderate snow in the morning; 1½ to 2 inches deep. Clear and mild in the evening.
Means	29.75	29.75	29.73	29.5	38.0	31.0	...	...	...	...	...	...	...	5.86	29th. Pleasant. Halo around the moon in the evening.
REDUCED TO SEA LEVEL.															30th. Cloudy in the morning. Began to snow moderately from 3 to 4 P. M.
Max.	30.67	30.56	30.69	49	54	48	48.7								31st. Mild and pleasant.
Min.	29.17	29.14	29.15	5	17	8	10.0								
Mean	29.93	29.93	29.91												
Range	1.50	1.42	1.54	44	37	40	38.7								
Mean of month			29.923	...	...	...	32.8								
Extreme range			1.55	...	...	...	49.0								

Prevailing winds from some point between—

	Days.
N. & E.	4
E. & S.	2
S. & W.	8
W. & N.	17

	Days.
Clear	10
Variable, Cloudy	10
Rain or snow fell on	11

January, 1842.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.96	29.85	29.64	17	32	35	28.0	N. W.	S. W.	S. W.	Clear	Cloudy	Clear		1st. Pleasant and mild.
2	29.44	29.31	29.32	34	43	39	38.7	S. W.	W'ly	S. W'ly	Clear	Variable	Cloudy		2d. Mild and pleasant. Wind brisk W'ly.
3	29.70	29.75	29.91	10	15	15	13.3	N. W.	W'ly	W'ly	Clear	Clear	Clear		3d. Cold. Wind brisk and cutting.
4	29.72	29.48	29.63	18	37	27	27.3	N. E.	W'ly	W'ly	Snow	Clear	Variable	0.25	4th. Snow in the morning. Clear and mild in the afternoon. From two to three inches of snow.
5	30.01	30.05	30.30	22	24	10	18.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		5th. Fine, though cool.
6	30.36	30.27	29.85	3	24	34	20.3	N. W.	S. W.	S. E.	Clear	Variable	Rain	0.65	6th. Clear in the morning; hazy towards noon. Cloudy in the afternoon, with wind S'ly and inclining to S. E. Began to snow and rain from 7 to 8 P. M.; soon turned to pure rain.
7	29.43	29.43	29.67	46	46	36	42.7	W'ly	W'ly	W'ly	Cloudy	Cloudy	Cloudy		7th. Rain in the morning. Cloudy in the afternoon and evening.
8	30.00	29.98	29.83	24	36	34	31.3	N. E'ly	N. E.	N. E.	Clear	Clear	Cloudy		
9	29.64	29.74	29.99	38	46	35	39.7	S. W'ly	W'ly	W'ly	Cloudy	Clear	Cloudy		8th. Mild. Clear in the morning. Cloudy late in the afternoon and in the evening. Dash of snow from 8 to 9 P. M.
10	29.98	29.98	30.00	32	35	31	32.7	S. W.	S. W.	W'ly	Snow	Cloudy	Clear	0.10	
11	29.93	29.85	29.68	27	35	33	31.7	W'ly	S. W.	W'ly	Cloudy	Cloudy	Cloudy		9th. Pleasant.
12	29.57	29.51	29.56	28	38	32	32.7	W'ly	W'ly	W'ly	Clear	Cloudy	Cloudy		10th. From one to two inches of light snow in the morning.
13	29.91	29.96	30.08	16	11	6	11.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
14	29.90	29.61	29.50	14	40	38	30.7	S'ly	S. W.	S. W.	Variable	Cloudy	Clear		11th. Very mild. Cloudy, with occasional appearances of snow in the air.
15	29.55	29.51	29.62	31	36	25	30.7	W'ly	N. W.	N. W.	Clear	Clear	Clear		
16	29.66	...	29.75	19	...	24	...	N. W.	...	N. W.	Clear	...	Clear		12th. Very mild.
17	29.85	29.79	29.76	24	38	36	32.7	N. W.	S. W'ly	W'ly	Clear	Variable	Clear		13th. At sunrise, wind brisk N. W.; ther. 16°, and falling fast. At 9 A. M., ther. 10°. At 11 A. M., ther. 9°. At 1 P. M., 11°. At 10 P. M., 6°; clear and very still.
18	29.82	29.85	29.88	33	46	34	37.7	S. W.	S'ly	S. W'ly	Clear	Clear	Clear		
19	29.89	29.78	29.77	32	45	37	38.0	S. W.	S. E.	S'ly	Foggy	Clear	Clear		14th. Wind fresh from S. W.
20	29.69	29.63	29.56	36	49	42	42.3	S. W.	S'ly	S. W'ly	Clear	Clear	Cloudy		15th. Pleasant. Aurora in the evening; diffused light of considerable brightness, without corruscations.
21	29.24	29.08	29.29	47	49	35	43.7	S'ly	S. E'ly	W'ly	Rain	Foggy	Clear	0.30	
22	29.55	29.56	29.86	28	33	18	26.3	W'ly	W'ly	N. W.	Clear	Clear	Clear		16th. Pleasant.
23	30.10	30.13	30.26	12	18	10	13.3	W'ly	W'ly	N. W.	Clear	Clear	Clear		17th. Very pleasant.
24	30.38	30.31	30.21	4	16	14	11.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		18th. Very pleasant. The air mild and soft as May.
25	29.98	29.81	29.71	22	37	32	30.3	S. W.	S. W.	S. W.	Clear	Variable	Clear		19th. Unusually mild and pleasant.
26	29.67	29.57	29.44	30	43	33	35.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		20th. Mild through the day. Cloudy at 11 P. M.
27	29.25	29.40	29.90	33	35	21	29.7	W'ly	W'ly	N. W.	Snow	Clear	Clear		21st. Light rain in the morning. Cloudy in the afternoon. Wind changed from S. W. to about W., from 4 to 5 P. M. Quite gusty in the evening, and clear.
28	30.17	30.05	...	20	33	36	29.7	W'ly	W'ly	S. W.	Clear	Clear	Clear		
29	29.73	29.64	29.58	44	52	39	45.0	S. W.	S. W.	S. W.	Cloudy	Variable	Foggy		22d. Wind strong and blustering from the west. Flurry of snow from 4 to 5 P. M. Clear in the evening, and colder.
30	29.39	29.59	29.74	44	47	37	42.7	W'ly	W'ly	W'ly	Variable	Clear	Clear		
31	29.72	29.55	29.40	34	46	50	43.3	S. W.	S. W.	S. W.	Variable	Cloudy	Cloudy		23d. Pleasant, though cold.
Means	29.78	29.73	29.75	26.5	36.2	29.9	...	...	...	...	...	...	...	1.30	24th. Cold.
REDUCED TO SEA LEVEL.															25th. Blustering.
Max.	30.56	30.49	30.48	47	52	50	45.0								26th. Pleasant.
Min.	29.42	29.26	29.47	3	11	6	11.0								27th. Flurry of snow from 7 to 9 A. M. Clear in the afternoon.
Mean	29.96	29.91	29.93												28th. Pleasant.
Range	1.14	1.23	1.01	44	41	44	34.0								29th. Mild and pleasant.
Mean of month			29.933	...	...	...	30.9								30th. Very pleasant.
Extreme range			1.30	...	...	...	49.0								

Prevailing winds from some point between—

	Days.
N. & E.	1
E. & S.	2
S. & W.	18
W. & N.	10

	Days.
Clear	11
Variable, Cloudy	12
Rain or snow fell on	8

February, 1842.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.73	29.89	30.06	30	43	30	34.3	W'ly	N. W.	N. W.	Clear	Clear	Clear		1st and 2d. Very pleasant.
2	30.15	30.05	29.94	26	42	41	36.3	N. W.	S. W.	S. W.	Clear	Clear	Clear		3d. Rainy.
3	29.70	29.58	29.58	48	54	55	52.3	S. W.	S. W.	S. W.	Rain	Cloudy	Cloudy	0.88	4th. At sunrise, wind fresh S. W.; ther. 58°. At 10 A. M., wind light; ther. 60°. Before 1 P. M.,
4	29.38	29.48	29.35	58	56	47	53.7	S. W.	N. E.	N. E.	Cloudy	Cloudy	Rain	0.10	wind came to N. E., and ther. fell to 56°. Cloudy
5	29.27	29.16	29.71	48	52	34	44.7	W'ly	N. W.	W'ly	Cloudy	Clear	Clear		during the day, with occasional light rain. In
6	29.96	29.85	29.71	30	43	44	39.0	W'ly	S. W.	S. W.	Clear	Clear	Clear		the evening, rain increased.
7	29.60	29.49	29.36	44	48	42	44.7	S. W.	S. W.	S. W.	Cloudy	Rain	Rain	0.12	5th. Cloudy in the morning, with some rain. Gusty during the day. Clear evening. Frost out
8	29.30	29.27	29.44	34	42	20	32.0	N'ly	N. W.	N. W.	Cloudy	Cloudy	Clear		of the ground in many places.
9	29.88	29.92	29.87	9	20	24	17.7	N'ly	W'ly	S. W.	Clear	Clear	Variable		6th. Pleasant.
10	29.85	29.90	29.97	27	40	31	32.7	S. W.	S. E'ly	S. E'ly	Clear	Clear	Clear		7th. Light rain occasionally during the day and evening.
11	30.03	30.00	29.84	27	45	38	36.7	S. E.	S. E.	S. E.	Clear	Variable	Clear		8th. Cloudy, with occasional flurries of snow. Grew cold in the evening, with wind very brisk
12	29.59	29.61	29.88	47	53	36	45.3	S. W.	N. W.	N. W.	Rain	Variable	Clear		at N. W. Frost generally out of the ground, but
13	29.84	29.69	29.46	30	39	38	35.7	N. W.	N. E.	E'ly	Variable	Variable	Cloudy		began to freeze about sunset.
14	29.33	29.26	29.45	42	48	23	37.7	W'ly	W'ly	N. W.	Variable	Clear	Clear		9th. Pleasant, though cool.
15	29.81	29.89	30.03	9	21	17	15.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		10th. Pleasant.
16	29.80	29.91	28.51	28	39	44	37.0	S. E.	S. E.	S. E.	Cloudy	Cloudy	Rain	0.60	11th. Very pleasant.
17	28.85	29.21	29.75	20	22	18	20.0	W'ly	W'ly	W'ly	Cloudy	Cloudy	Clear		12th. Very pleasant. Sprinkling of rain in the morning.
18	30.04	30.04	29.88	18	33	39	30.0	W'ly	S. W.	S. W.	Clear	Clear	Variable		13th. Mild. Air damp.
19	29.61	29.29	29.81	43	53	25	40.3	S.	S. W.	N. W.	Rain	Cloudy	Clear	1.40	14th. Mild through the day. Wind came to N. W., very fresh, and grew cold in the evening.
20	30.12	30.12	30.10	20	30	27	25.7	N. W.	N. W.	W'ly	Clear	Clear	Variable		Frost out of the ground in most places.
21	29.94	29.89	29.91	21	35	26	27.3	S. W'ly	S. W'ly	W'ly	Clear	Clear	Clear		15th. Cold, but fine.
22	29.87	29.80	29.81	21	35	26	27.3	N'ly	S. W.	N. W.	Clear	Clear	Clear		16th. Cloudy at sunrise; wind light S. E'ly. Wind increased, with dashes of rain in afternoon.
23	29.92	29.89	29.90	21	38	29	29.3	N'ly	W'ly	S. W'ly	Clear	Clear	Clear		Rain, with very heavy wind, in evening. At 10½
24	29.90	29.87	30.04	32	47	32	37.0	S. W.	S. W.	N'ly	Clear	Clear	Clear		P. M., bar. 28.61; wind considerably abated; rain
25	30.27	30.29	30.31	22	34	27	27.7	N'ly	E'ly	N. E.	Clear	Clear	Clear		light. At 11 P. M., bar. 28.60, and still falling.
26	30.21	30.10	29.75	30	32	34	32.0	NE by E	E'ly	E'ly	Cloudy	Rain	Rain	0.95	17th. At 5 A. M., wind heavy from W'ly, with flurry of snow on the ground. At 7 A. M., wind
27	29.64	29.63	29.66	30	37	36	34.3	N'ly	N'ly	N. W.	Cloudy	Sn. & r'n	Clear		about W. S. W., and rather abated. Very bluster-
28	29.82	29.88	29.98	33	41	34	36.0	N. W.	N'ly	N. W.	Clear	Clear	Clear		ing all day. Wind generally a little to the south of west.
Means	29.76	29.75	29.75	30.3	40.1	32.7	...	...	...	...	...	...	...	4.05	18th. Mild.
REDUCED TO SEA LEVEL.															19th. Raining moderately at 6 A. M., with wind nearly S. Wind came more to S. W., and heavy rain in the morning. Cleared towards night, with wind at N. W.
Max.	30.45	30.47	30.49	58	56	55	53.7								20th. Pleasant.
Min.	29.03	29.34	28.69	9	20	17	15.7								21st to 24th. Very pleasant.
Mean	29.94	29.93	29.93												25th. Pleasant.
Range	1.42	1.13	1.80	49	36	38	38.0								26th. Rainy. A little hail in morning. Steady rain in afternoon and evening.
Mean of month		29.933		...	...	...	34.4								27th. Light snow, mixed with some rain, in the morning. Cleared towards night.
Extreme range		1.80		...	...	...	49.0								28th. Very pleasant.

Prevailing winds from some point between—

	Days.
N. & E.	4
E. & S.	3
S. & W.	10
W. & N.	11

	Days.
Clear	12
Variable, Cloudy	5
Rain or snow fell on	11

March, 1842.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.99	29.89	29.80	34	48	40	40.7	S'ly	S. W.	S. W.	Clear	Cloudy	Cloudy		1st. Pleasant. Copious white frost in morning.
2	29.59	29.39	29.22	43	51	53	49.0	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		2d. Foggy morning. Appearances of rain.
3	29.61	29.50	29.62	47	64	50	53.7	W'ly	W'ly	W'ly	Variable	Clear	Clear		3d. Pleasant.
4	29.60	29.54	29.51	46	68	50	54.7	S. E'ly	S. W.	S. E'ly	Cloudy	Clear	Variable		4th. Very warm for the season. Frost out of the ground generally.
5	29.40	29.61	29.89	46	40	35	40.3	S. W.	N. E.	N. E.	Variable	Cloudy	Cloudy		5th. In the morning, wind S. W.; from 10 to 10½
6	29.97	29.96	29.91	33	34	36	34.3	N. E.	N. E.	N. E.	Misty	Shower	Shower	0.52	A. M., very blustering, with heavy clouds and dashes of rain, and change of wind suddenly from
7	29.71	29.70	29.80	35	46	35	38.7	N. W.	N. W'ly	N'ly	Cloudy	Variable	Cloudy		S. W. to N. E.
8	30.02	30.07	30.11	31	41	34	35.3	N'ly	N'ly	W'ly	Clear	Clear	Clear		6th. Mist, with occasional approach to rain during the day. Copious shower about 10 P. M., with
9	29.90	29.65	29.41	36	48	46	43.3	S. W.	S. W.	S. W.	Variable	Cloudy	Cloudy		thunder and lightning.
10	29.37	29.34	29.56	45	66	45	52.0	S. W.	S. W.	N'ly	Cloudy	Variable	Variable		7th. Cloudy, with occasional dashes of rain.
11	29.51	29.42	29.74	42	40	23	35.0	N. E.	N. E.	N. W.	Cloudy	Cloudy	Clear		8th. Very pleasant.
12	30.11	30.16	30.17	15	27	24	22.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		9th. Cloudy, with appearances of rain.
13	30.02	...	29.92	27	38	32	32 3	S. W.	S. W'ly	S. W.	Cloudy	Cloudy	Clear		10th. Very mild.
14	29.96	29.92	29.94	27	45	34	35.3	N. W'ly	N. W'ly	W'ly	Variable	Variable	Clear		11th. Wind N. E., raw. From 3 to 4 P. M., a flurry of snow; wind came to N. W., and cleared.
15	29.91	29.86	29.85	31	50	36	39.0	N. W.	S'ly	S. W.	Clear	Variable	Clear		12th. Very clear.
16	29.99	30.00	29.98	31	42	38	37.0	N. W.	N. W.	S. W.	Clear	Clear	Clear		13th. Weather raw.
17	29.71	29.55	29.66	41	55	50	48.7	S. W.	S. W.	S. W'ly	Cloudy	Variable	Clear		14th. Mild and pleasant.
18	29.85	29.89	29.94	40	54	40	44.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		15th. Very mild and pleasant. Wind light S'ly and S. W'ly during the day.
19	29.84	29.66	29.59	35	58	52	48.3	S. W.	S. W.	S. W.	Clear	Clear	Clear		16th. Prevailing wind N. W.; rather cool, and raw.
20	29.73	29.60	29.65	44	60	49	51.0	S. W.	W'ly	W'ly	Clear	Clear	Variable		17th. Very pleasant.
21	29.90	29.90	29.92	27	47	36	36.7	N.	N. E.	S'ly	Clear	Variable	Variable		18th. Very fine. Hazy in the evening. A well-defined halo round the moon from 7½ to 8 P. M.
22	29.81	29.75	29.84	31	32	28	30.3	N. E.	N. E.	N. E.	Snow	Rain	Snow	0.50	19th. Unusually fine. In the evening, wind light from S. W'ly. Light clouds passing the moon
23	29.97	30.00	30.04	21	27	23	23.7	N.	N. N. E.	N.	Clear	Cloudy	Clear		from the north of west.
24	30.11	30.08	30.06	21	40	33	31.3	N. W.	N. W.	S'ly	Clear	Clear	Variable		20th. Very pleasant.
25	29.89	29.74	29.57	32	33	34	33.0	E'ly	E'ly	N. E.	Sn. & r'n	R'n & h'l	Rain	0.80	21st. Pleasant.
26	29.53	29.53	29.71	32	47	36	38.3	N. W.	N. W.	N. W.	Cloudy	Variable	Clear		22d. Moderate snow nearly all day.
27	29.84	29.79	29.65	36	52	45	44.3	N. W.	N. W'ly	S. W.	Clear	Clear	Clear		23d. The ground covered with snow blown into drifts—perhaps two inches deep on the average—which, in the fields, continued during the day.
28	29.59	29.67	29.94	40	45	33	39.3	N. N. W.	N. W.	N. W.	Clear	Clear	Clear		24th. Very pleasant in the morning. Towards night, wind came to S'ly; very raw. Halo round the moon in the evening.
29	30.09	30.03	29.99	30	48	38	38.7	N. W.	S. E.	S. W.	Clear	Clear	Cloudy		
30	29.68	29.45	29.47	40	52	46	46.0	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		
31	29.52	29.58	29.86	40	38	25	34.3	N. W.	N'ly	N. W.	Clear	Rain	Clear	0.25	25th. Very stormy. Snow, rain, and hail—altogether and separately.
Means	29.79	29.74	29.78	34.8	4[illegible].3	38.0	...	...	...	...	...	...	...	2.07	26th. Blustering, with many clouds. Very clear in the evening.
REDUCED TO SEA LEVEL.															27th. Very fine.
Max.	30.29	30.34	30.35	47	68	53	54.7								28th. Rather blustering, and raw.
Min.	29.55	29.52	29.40	15	27	23	22.0								29th. In the morning, wind N. W.; then N., N. E., and E., and so to S. E at 2 P. M. In the evening, wind S. W., and cloudy.
Mean	29.97	29.92	29.96												30th. Light rain from 3 to 5 P. M.
Range	0.74	0.82	0.95	32	41	30	32.7								31st Pleasant in the morning. Blustering, with rain and some snow, in the afternoon. Clear in the evening, and blustering and cold.
Mean of month		29.950		...	...	...	39.7								
Extreme range		0.95		...	...	...	53.0								

Prevailing winds from some point between—

	Days.
N. & E.	7
E. & S.	1
S. & W.	12
W. & N.	11

	Days.
Clear	8
Variable, Cloudy	15
Rain or snow fell on	8

April, 1842.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. At 6 A. M.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
1	30.07	30.05	30.08	23	33	30	28.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		1st. Pleasant.
2	29.99	29.80	29.72	35	55	53	47.7	S. W.	S. W.	S. W.	Cloudy	Clear	Clear		2d. Very pleasant. Wind brisk in the evening.
3	29.69	29.72	29.84	54	70	52	58.7	S. W.	W.	N. W.	Cloudy	Hazy	Rain		3d. Warm and sultry. Sprinkling of rain in the afternoon; wind N. W.
4	29.99	30.02	30.02	35	38	35	36.0	N. E.	E'ly	E'ly	Rain	Rain	Cloudy	0.70	4th. Moderate rain during the greater part of the day. Wind light, about E. N. E.
5	29.91	29.82	29.89	34	38	36	36.0	N. E.	N. E.	N. E.	Rain	Cloudy	Cloudy		5th. Moderate rain at intervals during the day.
6	29.99	29.95	29.90	36	57	46	46.3	N. E.	S. E'ly	S. E'ly	Clear	Clear	Clear		6th. Weather fine.
7	29.82	29.64	29.60	46	54	42	47.3	S'ly	N. W'ly	N. E.	Cloudy	Cloudy	Rain	0.24	7th. Cloudy. Moderate rain from 4 to 7 or 8 P. M.
8	29.64	29.69	29.75	41	45	39	41.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		8th. Air damp and raw.
9	29.77	29.76	29.79	36	40	36	37.3	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		9th. Cloudy and raw. Wind fresh.
10	29.78	29.75	29.69	35	48	42	41.7	N. E.	N. E.	N. E.	Cloudy	Variable	Clear		10th. Clouds broken at noon. Clear towards night and evening. Aurora in the north—not very bright.
11	29.59	29.59	29.66	47	64	51	54.0	S. W.	N. W.	N. E'ly	Clear	Clear	Clear		11th and 12th. Fine.
12	29.76	29.72	29.82	42	55	42	46.3	N'ly	N. W.	N. W.	Variable	Clear	Clear		13th. Clear in the morning; wind N. E. and E'ly. In the afternoon, wind S'ly and S. E'ly. Cloudy towards night; began to rain moderately from 9 to 10 P. M.
13	29.94	29.91	29.84	34	54	42	43.3	N. E.	N. E.	S. E'ly	Clear	Clear	Rain		14th. Rain in the morning. Cleared towards night.
14	29.62	29.58	29.71	38	43	42	41.0	N. E.	N. E.	N'ly	Rain	Cloudy	Variable		15th, 16th, and 17th. Fine.
15	29.79	29.77	29.79	40	59	49	49.3	S. W'ly	S. W.	S. W.	Clear	Clear	Variable		18th. Rainy. Wind N. E., cold.
16	29.90	29.92	29.98	40	52	42	44.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		19th. Heavy mist, mixed with some rain, for the greater part of the day and evening. Wind light, about N. N. E.
17	30.11	30.09	30.10	40	54	41	45.0	N. E.	N. E.	S. E.	Clear	Clear	Cloudy		20th. Fine.
18	30.03	29.99	29.78	36	38	38	37.3	E'ly	N. E.	N. E.	Rain	Rain	Misty	0.63	21st. Very pleasant.
19	29.65	29.50	29.45	40	42	41	41.0	N. E.	N. E.	N. E.	Misty	Misty	Misty		22d. Clear and very warm.
20	29.44	29.52	29.75	44	60	46	50.0	N. W'ly	N. W.	N. E'ly	Cloudy	Variable	Variable		23d. Very fine.
21	29.90	29.89	29.86	45	62	47	51.3	N. E.	S'ly	S'ly	Clear	Clear	Clear		24th. Pleasant.
22	29.72	29.58	29.45	48	80	63	63.7	S'ly	S. W.	S. W.	Clear	Clear	Clear		25th. Wind changed from S. W. to N. E., from 8 to 10 A. M.
23	29.59	29.74	29.89	57	63	46	55.3	N. by E.	N. E.	S. W.	Clear	Clear	Clear		26th. Misty through the day. Heavy showers in the evening.
24	29.94	29.86	29.90	44	59	48	50.3	N. W.	S'ly	S. W.	Clear	Cloudy	Hazy		27th. Fine day.
25	29.77	29.68	29.68	48	54	46	49.3	S. W.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		28th. Fine for the most part.
26	29.63	29.48	29.35	44	50	44	46.0	N. E.	N. E.	N. E.	Cloudy	Misty	Rain	0.53	29th and 30th. Fine.
27	29.21	29.20	29.35	45	61	46	50.7	N. W.	N. W.	W'ly	Cloudy	Clear	Clear		
28	29.40	29.39	29.51	44	55	42	47.0	N. W.	N. W.	N. W.	Clear	Cloudy	Clear		
29	29.60	29.53	29.61	42	58	47	49.0	W'ly	N. W.	W'ly	Clear	Clear	Clear		
30	29.65	29.60	29.55	44	64	50	52.7	W'ly	S. W'ly	S. W.	Clear	Clear	Clear		
Means	29.76	29.75	29.74	41.2	53.5	44.1	...	...	...	...	...	...	...	2.10	
REDUCED TO SEA LEVEL.															
Max.	30.29	30.27	30.28	57	80	63	63.7								
Min.	29.39	29.38	29.53	23	33	30	28.7								
Mean	29.94	29.93	29.92												
Range	0.90	0.89	0.75	34	47	33	35.0								
Mean of month			29.930	...	...	...	46.3								
Extreme range			0.91	...	...	...	57.0								

Prevailing winds from some point between—

	Days.
N. & E.	13
E. & S.	1
S. & W.	6
W. & N.	10

	Days.
Clear	13
Variable, Cloudy	8
Rain fell on	9

May, 1842.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.51	29.41	29.32	50	63	53	55.3	S. W.	S. E'ly	S. W'ly	Clear	Variable	Clear		1st. Pleasant. Shower from 8 to 9 P. M.
2	29.33	29.37	29.44	50	56	49	51.7	N. W.	S. W.	N. W.	Clear	Rain	Clear	0.10	2d. Cloudy for the most part, with sprinkling of rain.
3	29.60	29.67	29.65	46	49	42	45.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		3d. Cloudy, with appearances of rain.
4	29.60	29.69	29.83	41	52	47	46.7	N. E.	N. E.	N. W.	Rain	Cloudy	Clear		4th. Light rain from N. E. for a while in the morning. Light showers from 5 to 6 P. M., with wind from W'ly.
5	29.95	29.93	29.90	46	65	51	54.0	N. W.	S. W.	S. W.	Clear	Clear	Clear		5th. Very fine.
6	29.82	...	29.67	49	...	61	...	S. W'ly	...	S. W.	Clear	Clear	Clear		6th. Fine.
7	29.80	29.83	29.86	43	55	46	48.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		7th. Very fine.
8	29.84	29.72	29.67	38	60	51	49.7	N. W.	S. W.	S. W.	Clear	Variable	Rain	0.10	8th. Considerable white frost in the College yard this morning. Pleasant in the morning. Cloudy in the afternoon. Light rain began from 7 to 8 P. M.
9	29.48	29.49	29.57	46	50	41	45.7	S. W.	N. W.	N. W.	Cloudy	Cloudy	Shower		9th. Cool. Cloudy, with some rain, in the morning. Clear from 7 to 9 P. M. Light shower before 10 P. M.
10	29.53	29.53	29.48	40	49	48	45.7	N. W.	S. W.	S. W.	Clear	Cloudy	Clear		10th. Cloudy, cool, and raw.
11	29.49	29.40	29.45	48	74	58	60.0	S. W.	S. W.	W'ly	Clear	Clear	Rain	0.68	11th. Fine during the day. Heavy thunder-shower from 7 to 10 P. M.
12	29.54	29.57	29.71	50	64	50	54.7	N. W.	W'ly	W'ly	Clear	Clear	Clear		12th. Fine.
13	29.75	29.63	29.55	46	63	57	55.3	S. E'ly	S. E'ly	S'ly	Clear	Clear	Cloudy		13th. Fine for the greater part of the day. Towards night, the air grew raw. Sprinkling of rain in the evening.
14	29.73	29.74	29.80	46	62	51	53.0	N. W.	N. W.	N. E.	Clear	Clear	Clear		14th. Fine.
15	29.82	29.81	29.72	49	63	50	54.0	N. E.	S. E'ly	S. E'ly	Clear	Variable	Cloudy		15th. Clear in the morning. Cloudy in the afternoon, and raw.
16	29.69	29.66	29.76	44	68	55	55.7	N. W.	S. W.	S. W'ly	Clear	Clear	Clear		16th, 17th, and 18th. Fine.
17	29.94	29.96	30.01	53	74	54	60.3	S'ly	S. E'ly	S. W.	Clear	Clear	Clear		19th. Fine in the morning. Cloudy in the afternoon. Began to rain from 5 to 6 P. M. Rain in the evening.
18	30.01	29.99	29.94	50	70	55	58.3	S'ly	S'ly	S'ly	Clear	Clear	Clear		20th. Storm of rain, hail, and snow intermixed—from the N. E.—during a large part of the forenoon. Storm ceased in the afternoon. Clear in the evening.
19	29.87	29.71	29.95	56	76	49	60.3	S. W'ly	S. W.	N. E'ly	Clear	Variable	Rain	0.72	21st. Copious white frost in the College yard this morning, and the ground frozen quite hard in many places in the vicinity. Fine during the day.
20	30.09	30.11	30.09	38	37	38	37.7	N. E.	N. E.	N. E.	Rain	Rain	Clear		22d. Pleasant.
21	30.09	30.01	29.95	36	65	47	49.3	W'ly	S. W.	S. W.	Clear	Clear	Clear		23d. Cloudy. Fog and mist till 5 or 6 P. M. Clear in the evening.
22	29.80	29.67	29.61	45	63	56	54.7	S. W.	S'ly	S. W.	Variable	Clear	Cloudy		24th. Fog and clouds. Sprinkling of rain in the evening
23	29.56	29.63	29.77	56	56	50	54.0	S. W.	N. E.	N. E.	Cloudy	Cloudy	Clear		25th. Cloudy in the morning. Clear in the afternoon and evening.
24	29.85	29.81	29.71	44	63	52	53.0	N. E.	S. E'ly	S'ly	Foggy	Cloudy	Rain		26th. Fine.
25	29.67	29.56	29.59	54	69	55	59.3	W'ly	N. W.	N. W.	Cloudy	Clear	Clear		27th. Cloudy, with sprinkling of rain at times during the day.
26	29.64	29.69	29.74	55	73	57	61.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		28th. Fine.
27	29.76	29.69	29.63	53	58	56	55.7	N. E.	N. E.	S. E'ly	Cloudy	Rain	Cloudy	0.10	29th. Light rain in the afternoon and evening. Heavy rain in the night.
28	29.63	29.63	29.68	54	74	62	63.3	S. W.	W'ly	S. W.	Clear	Clear	Clear		30th. Rain in the morning. Cloudy in the afternoon. Cleared in the evening.
29	29.73	29.67	29.56	56	65	56	59.0	N. E.	S. E'ly	N. E.	Variable	Rain	Rain	1.00	31st. Fine.
30	29.39	29.34	29.38	51	54	55	53.3	N. E.	N. E.	N. W.	Cloudy	Rain	Clear	0.70	
31	29.49	29.59	29.64	51	...	...	...	N. W.	...	...	Clear	...	Clear		
Means	29.70	29.68	29.70	47.9	61.7	51.7	...	...	...	...	...	...	...	3.40	
REDUCED TO SEA LEVEL.															
Max.	30.27	30.29	30.27	56	76	62	63.3								
Min.	29.51	29.52	29.50	36	37	38	37.7								
Mean	29.88	29.85	29.88												
Range	0.76	0.77	0.77	20	39	24	25.6								
Mean of month			29.870	...	...	...	53.8								
Extreme range			0.79	...	...	...	40.0								

Prevailing winds from some point between—

	Days.
N. & E.	7
E. & S.	5
S. & W.	12
W. & N.	7

	Days.
Clear	11
Variable, Cloudy	7
Rain fell on	13

June, 1842.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. At 6 A. M.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
1	29.76	29.79	29.89	52	70	70	64.0	N. W.	N. W.	S. E.	Clear	Clear	Clear		1st. Fine.
2	29.96	29.96	29.95	52	73	54	59.7	N. W.	E'ly	E'ly	Clear	Clear	Clear		2d, 3d, and 4th. Very fine.
3	29.95	29.95	29.89	49	69	52	56.7	N. W.	S. E'ly	S. E'ly	Clear	Clear	Clear		5th. Cloudy in the morning. Clear in the afternoon.
4	29.80	29.72	29.68	46	75	64	61.7	N. E.	S. E'ly	S. W.	Clear	Clear	Variable		6th and 7th. Fine.
5	29.68	29.60	29.54	66	79	66	70.3	S. W'ly	S. W.	S. W.	Cloudy	Clear	Clear		8th. Moderately fine.
6	29.56	29.60	29.78	66	74	54	64.7	N. W.	N. W.	N. W.	Clear	Variable	Clear		9th. Heavy rain in the morning; wind E'ly and S. E'ly. From 1 to 2 P. M., wind came to S. W., and rain ceased. Clear in the evening.
7	30.03	30.04	30.13	44	63	50	52.3	N. W.	N. W.	S. W.	Clear	Clear	Clear		
8	30.22	30.24	30.22	49	64	52	55.0	N. W.	S. W.	S. W.	Cloudy	Clear	Cloudy		10th. Showery and warm.
9	29.95	29.76	29.68	54	67	62	61.0	S. E.	S. E'ly	S. W.	Rain	Rain	Clear		11th. Cloudy through the day; wind brisk N. W., and very cool. Clear in evening; breeze light.
10	29.55	29.46	29.45	62	73	62	65.7	S. W.	S'ly	S. W.	Fog, r'n	Variable	Clear	2.00	
11	29.53	29.66	29.83	52	46	43	47.0	N. W.	N. W.	N. W.	Cloudy	Cloudy	Clear		12th. At sunrise, thermometer 41°; brisk breeze at N. W., which probably prevented frost. The day fine, but cool.
12	29.98	29.94	29.95	45	69	51	55.0	N. W.	W'ly	S. W.	Clear	Clear	Clear		
13	29.90	29.88	29.84	54	71	63	62.7	S. W.	S. W.	S. W.	Clear	Variable	Rain	0.95	13th. Clear in the morning. Variable in the afternoon. Began to rain from 9 to 10 P. M. Heavy rain during the night.
14	...	...	29.90	63	...	64	...	S. W.	S. W.	S. W.	Cloudy	Cloudy	Rain	4.50	14th. Cloudy. Showery in the evening.
15	29.86	29.85	29.84	64	75	74	71.0	S. W.	S. W.	S. W.	Rain	Showery	Rain		15th. Warm and showery through the day and evening. Very heavy rain during night. Rain gauge found running over on the morning of the 16th; gauge holds 3⅛ inches. From the quantity of water caught in open vessels, it is probable that nearly 4½ inches fell during the night.
16	29.71	29.64	29.67	66	77	70	71.0	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		16th. Warm, damp, and sultry.
17	29.67	29.67	29.71	67	76	70	71.0	S. W.	S. W.	S. W.	Clear	Cloudy	Variable		17th. Warm and sultry.
18	29.75	29.76	29.73	67	73	66	68.7	S. W.	S. W.	S. W.	Foggy	Rain	Cloudy	0.97	18th. Moderate rain through the day; continued during the night.
19	29.50	29.51	29.52	66	83	71	73.3	S. W.	S. W.	S. W.	Misty	Variable	Clear		19th. Sunshine and clouds in turn. Very warm.
20	29.60	29.63	29.71	67	78	68	71.0	W.	W'ly	N. W'ly	Variable	Clear	Variable		20th. Fine.
21	29.81	29.82	29.78	58	77	63	66.0	N. W.	N. W.	S. W'ly	Clear	Clear	Clear		21st. Very fine.
22	29.71	29.63	29.59	62	80	70	70.7	N. W.	S. W.	S. W.	Clear	Clear	Clear		22d. Fine.
23	29.68	29.70	29.62	62	58	56	58.7	N. E.	N. E.	N. E.	Cloudy	Rain	Cloudy	0.33	23d. Moderate rain nearly all day. Cloudy in the evening.
24	29.62	29.65	...	58	70	...	...	N. W.	N.	...	Variable	Clear	...		24th. Variable.
25	...	29.69	29.59	...	76	62	...	...	S. W.	S. W.	Clear	Clear	Rain	0.30	25th. Rain.
26	...	29.40	29.41	62	78	74	71.3	S. W.	S. W.	S. W.	Cloudy	Variable	Cloudy		26th. Variable.
27	29.52	29.61	...	60	67	...	...	N.	N. E.	...	Clear	Clear	Rain	0.60	27th. Clear during the day. Heavy rain during the night, with wind at N. E.
28	29.64	...	29.61	56	...	64	...	N. E.	...	S. W.	Cloudy	...	Clear		28th. Pleasant.
29	29.63	...	...	64	...	...	...	S. W.	...	...	Clear	...	...		
30	...	29.84	...	...	78	...	...	...	S. E'ly	...	...	Clear	...		
Means	29.75	29.76	29.75	58.3	71.8	62.1	...	...	...	...	...	...	...	9.65	
REDUCED TO SEA LEVEL.															
Max.	30.40	30.42	30.40	67	83	74	73.3								
Min.	29.68	29.58	29.59	44	46	43	47.0								
Mean	29.93	29.93	29.93												
Range	0.72	0.84	0.81	23	37	31	26.3								
Mean of month			29.930	...	...	...	64.1								
Extreme range			0.84	...	...	...	40.0								

Prevailing winds from some point between—

	Days.
N. & E.	3
E. & S.	4
S. & W.	16
W. & N.	8

	Days.
Clear	8
Variable, Cloudy	13
Rain fell on	9

July, 1842.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.78	29.77	29.80	69	78	71	72.7	S. W.	S. W.	S. W.	Foggy	Clear	Cloudy		1st. Very warm and damp.
2	29.88	29.86	...	72	82	...	...	S. W.	S. W'ly	...	Variable	Clear	...		2d to 5th. Mostly cloudy, with wind S. W'ly.
3	...	...	...	...	...	...	...	...	...	...	...	...	...		6th. Light rain at intervals.
4	...	...	...	...	...	...	...	...	...	...	...	...	...		7th. Fine.
5	...	...	29.72	...	...	71	...	...	...	S. W.	...	...	Cloudy		8th. Cloudy, and very damp.
6	29.72	29.71	29.78	70	75	67	70.7	S. W.	S. W.	S. W.	Cloudy	Rain	Cloudy	0.15	9th. Cloudy, with occasional sprinkling of rain.
7	29.93	29.94	29.93	63	76	66	68.3	N. W.	W'ly	S. E'ly	Clear	Clear	Cloudy		10th. Cloudy in the morning. Clear in the afternoon.
8	29.90	29.85	29.81	64	78	70	70.7	N. E.	S. E.	S. W'ly	Foggy	Cloudy	Cloudy		11th and 12th. Very fine.
9	29.75	29.74	29.82	72	82	72	75.3	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		13th. Very fine. Fresh breeze and burning sun.
10	29.91	29.93	29.94	64	73	63	66.7	N. W.	N. E.	E'ly	Cloudy	Clear	Clear		14th. Fine.
11	29.95	29.93	29.93	58	78	64	66.7	N. E.	E'ly	S. W.	Clear	Clear	Clear		15th. Variable. Copious shower at 2 P. M., and again at 8 P. M.
12	29.92	29.84	29.78	64	79	66	69.7	S. W.	S'ly	S. W.	Clear	Clear	Clear		16th. Cloudy for the most part. Wind light N. E.
13	29.73	29.67	29.66	66	84	74	74.7	S. W.	S. W.	W'ly	Clear	Clear	Clear		17th. Very hot sun. Very little air.
14	29.66	29.66	29.68	74	86	74	78.0	S. W.	S. W.	S. W.	Clear	Clear	Cloudy		18th. Very fine.
15	29.70	29.73	29.76	74	82	70	75.3	S. W.	S. W.	N'ly	Variable	Cloudy	Showery	0.55	19th. Fine.
16	29.74	29.71	29.69	69	77	70	72.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Variable		20th. Showery in the morning. Clouds broken in the afternoon. Clear in the evening, with wind about W. N. W.
17	29.66	29.64	29.63	68	86	74	76.0	N. W.	N. W.	W'ly	Clear	Clear	Clear		21st, 22d, and 23d. Very fine.
18	29.63	29.62	29.68	74	86	71	77.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		24th. Very hot in the morning. Cloudy in the afternoon, with light shower at 3 o'clock, accompanied with thunder. Light shower again from 7 to 8 P. M.
19	29.69	29.66	29.60	72	85	74	77.0	S. W.	S. W.	S. W.	Clear	Clear	Cloudy		
20	29.59	29.67	29.87	74	77	66	72.3	S. W.	S. W.	N. W.	Cloudy	Shower	Clear	0.15	25th. Fine, though cool.
21	30.04	30.03	30.03	60	76	63	66.3	N. E.	W'ly	S. W.	Clear	Clear	Clear		26th. Fine.
22	30.04	30.02	29.99	62	78	63	60.7	N. W.	N. W.	S. W.	Clear	Clear	Clear		27th. Clear and very hot in the morning. Overcast at 2 P. M. Thunder and sprinkling of rain from 4 to 5 P. M. Clear in the evening. Breeze fresh S. W. most of the day.
23	29.98	29.97	29.92	64	80	72	72.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		
24	29.87	29.75	29.81	72	88	71	77.0	S. W.	S. W.	N. W.	Clear	Clear	Variable		28th. Fine.
25	29.95	29.95	29.93	59	71	64	64.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		29th. Fine. Cloudy, with light mist, at sunset.
26	29.91	29.81	29.77	64	85	76	75.0	S. W.	S. W.	S. W.	Cloudy	Clear	Clear		30th. Fine. Wind very fresh W'ly or W. S. W. all day.
27	29.70	29.67	28.76	73	90	73	78.7	N. W.	S. W.	N. W.	Clear	Clear	Clear		31st. Clear in the morning and very hot, though with a fresh breeze from S. W'ly. Copious shower from 2 to 3 P. M. Showery till night.
28	29.88	29.87	29.90	66	81	71	72.7	N. E.	S. W.	S. W.	Clear	Clear	Clear		
29	29.95	29.90	29.80	70	80	73	74.3	S. W.	S. W.	S. W.	Variable	Clear	Cloudy		
30	29.68	29.53	29.50	73	90	77	80.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		
31	29.46	29.45	29.67	76	87	64	75.7	S. W.	S. W.	N. E.	Clear	Cl'r, sh'r	Cl'dy, r'n	0.63	
Means	29.81	29.80	29.80	68.1	81.1	69.6	...	...	...	...	...	...	...	1.48	
REDUCED TO SEA LEVEL.															
Max.	30.22	30.21	30.21	76	90	77	80.0								
Min.	29.64	29.63	29.68	58	71	63	64.7								
Mean	29.98	29.97	29.97												
Range	0.58	0.58	0.53	18	19	14	15.3								
Mean of month			29.973	...	...	...	72.9								
Extreme range			0.59	...	...	...	32.0								

Prevailing winds from some point between—

	Days.
N. & E.	3
E. & S.	1
S. & W.	21
W. & N.	4

	Days.
Clear	13
Variable, Cloudy	9
Rain fell on	7
(2 days omitted.)	

August, 1842.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. At 6 A. M.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
1	29.75	29.79	29.86	56	70	57	61.0	N. W.	N. W.	N. W.	Variable	Clear	Clear		1st. Clear for the most part, and very cool.
2	29.94	29.98	30.01	52	69	62	61.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		2d. Clear.
3	30.01	...	30.02	58	76	65	66.3	N. W.	N. W.	N. W.	Clear	Clear	Cloudy		3d. Fine.
4	30.03	29.99	29.97	62	68	60	63.3	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		4th. Cloudy. Wind moderate N. E.
5	29.96	29.94	29.99	58	71	70	66.3	N. E.	N. E.	S. W.	Rain	Cloudy	Rain	0.83	5th. Moderate rain at intervals in the morning; wind N. E. From 2 to 3 P. M., wind came to S'ly and S. W.; clouds broken. Sun appeared afterwards; warm and showery. At 3 P. M., thermometer 74°.
6	30.01	30.01	29.98	71	81	71	74.3	S. W.	S. W.	S. W.	Rain	Clear	Cloudy		
7	29.93	29.90	29.83	71	74	74	73.0	S. W.	S. W.	S. W.	Cloudy	Rain	Cloudy	1.30	6th. Rain early in the morning. Clear at noon. Variable in the afternoon. Foggy in the evening. Copious shower during the night.
8	29.77	29.74	29.76	71	75	68	71.3	N. W.	N. E.	N. E.	Cloudy	Cloudy	Clear		
9	29.88	29.89	29.89	68	78	69	71.7	N. E.	E.	S'ly	Cloudy	Cloudy	Cloudy		7th. Heavy showers during the day and night.
10	29.94	29.92	29.93	70	79	69	72.7	S. W.	S. W.	S. W.	Variable	Clear	Clear		8th. Cloudy, with wind light N. E., most of the day. Clear in the evening.
11	29.95	29.93	29.93	68	77	70	71.7	S. W.	S. W.	S. W.	Variable	Cloudy	Variable		9th. Wind light and variable. Sun out at times.
12	29.92	29.91	29.92	68	68	67	67.7	E'ly	N. E.	N. E'ly	Cloudy	Rain	Variable	0.52	10th and 11th. Pleasant.
13	29.95	29.95	29.90	62	66	61	63.0	N. E.	N. E.	N. E.	Cloudy	Cloudy	Cloudy		12th. Heavy thunder and rain from noon to 3 P. M.
14	29.83	...	29.75	64	...	64	...	N. E.	...	N. E.	Cloudy	Shower	Variable	0.20	13th. Cloudy and cool. Wind moderate.
15	29.78	...	...	64	...	...	...	N. E.	...	...	Cloudy	...	...		14th. Copious shower from 4 to 5 P. M.
16	...	...	29.78	...	...	68	...	...	...	S. W.	...	...	Variable		15th. Light shower at 9 P. M.
17	29.79	29.77	29.80	68	80	70	72.7	S. W.	S. W.	S. W.	Cloudy	Clear	Variable		16th. Pleasant, though cloudy.
18	29.76	29.75	29.75	70	76	72	72.7	S. W.	S. W.	S. W.	Cl'y, sh'r	Cloudy	Cloudy	0.25	17th. Pleasant.
19	29.75	29.73	29.71	72	82	72	75.3	S. W.	S. W.	S. W.	Cloudy	Clear	Clear		18th. Heavy shower from 10 to 11 A. M.
20	29.78	29.79	29.82	66	79	69	71.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		19th and 20th. Very fine.
21	...	...	30.01	...	...	66	...	...	...	N. E'ly	...	...	Clear		21st. Fine day.
22	...	...	...	...	...	...	...	...	...	...	...	...	...		
23	...	...	...	...	...	...	...	...	...	...	...	...	...		
24	...	...	...	...	...	...	...	...	...	...	...	...	...		
25	...	...	...	...	...	...	...	...	...	...	...	...	...		
26	...	...	...	...	...	...	...	...	...	...	...	...	...		
27	...	...	...	...	...	...	...	...	...	...	...	...	...		
28	...	...	...	...	...	...	...	...	...	...	...	...	...		
29	...	...	29.69	...	...	63	...	...	...	N. W.	...	...	Clear	0.25	29th. Copious shower between 2 and 3 P. M.
30	29.82	29.86	29.91	56	72	62	63.3	N. W.	N. E'ly	S'ly	Clear	Clear	Clear		30th and 31st. Very fine.
31	30.00	30.00	30.01	61	72	63	65.3	S. W'ly	S. E'ly	S'ly	Clear	Clear	Clear		
Means	29.88	29.88	29.85	64.6	74.4	66.6	...	...	...	...	...	...	...	3.35	
REDUCED TO SEA LEVEL.															
Max.	30.21	30.19	30.20	72	82	74	75.3								
Min.	29.93	29.91	29.87	52	66	57	61.0								
Mean	30.05	30.05	30.02												
Range	0.28	0.28	0.33	20	16	17	14.3								
Mean of month			30.040	...	...	...	68.5								
Extreme range			0.34	...	...	...	30.0								

Prevailing winds from some point between—

	Days.
N. & E.	9
E. & S.	1
S. & W.	9
W. & N.	5

	Days.
Clear	8
Variable } Cloudy	8
Rain fell on	8

(7 days omitted.)

September, 1842.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.01	29.96	29.93	63	76	65	68.0	S. W.	S. W.	S. W.	Variable	Cloudy	Clear		1st. Pleasant.
2	29.90	29.85	29.85	64	78	69	70.3	S. W.	W'ly	S. W.	Clear	Clear	Clear		2d. Very pleasant.
3	29.84	29.78	29.74	72	82	73	75.7	S. W.	S. W.	S. W.	Cloudy	Clear	R'n, sh'r		3d. Fine. Wind very fresh S. W'ly.
4	29.90	...	29.92	64	...	62	...	N. W.	...	N. E.	Clear	...	Clear		4th. Very pleasant.
5	29.72	29.64	29.69	64	73	66	67.7	S. E.	S. W.	N. W.	Misty	Rain	Clear		5th. Showery in the morning. Clear in the evening.
6	29.85	...	29.85	58	...	59	...	N. W.	N. W.	N. W.	Clear	Clear	Clear		6th and 7th. Very fine.
7	29.81	...	...	54	...	62	...	N. W.	...	N. W.	Variable	...	Clear		8th. Very fine. Cloudy evening. Sprinkling of rain began about 11 P. M.
8	29.82	29.84	29.85	58	...	...	...	...	...	E'ly	Clear	Clear	Sprink'g		9th. Rain nearly all day. Cleared in the evening.
9	29.77	29.59	29.67	55	53	54	54.0	N. E'ly	N. E'ly	N. W.	Rain	Rain	Clear	1.00	10th. Very pleasant.
10	29.82	...	29.88	52	...	55	...	N. W.	N. W.	N. W.	Clear	Clear	Clear		11th. Cloudy, with sprinkling of rain.
11	29.89	29.69	29.58	55	67	66	62.7	S. W.	S. W.	S. W.	Cloudy	Rain	Hazy		12th. Pleasant and very warm.
12	29.50	29.47	29.44	70	83	74	75.7	W'ly	W'ly	W'ly	Clear	Clear	Clear		13th. Sprinkling of rain in the afternoon. Wind came to N. E.
13	29.33	29.32	29.60	73	79	60	70.7	S. W'ly	W'ly	N. E.	Clear	Cloudy	Clear		14th. Pleasant.
14	29.73	...	29.85	58	...	56	...	N. E.	N. E.	N. E.	Cloudy	Variable	Clear		15th. Cloudy, with occasional rain.
15	29.87	29.85	29.83	56	58	55	56.3	N. E.	N. E.	N. E.	Cloudy	Cloudy	Misty		16th. Wind light N. E., with occasional showers.
16	29.79	29.76	29.75	55	64	60	59.7	N. E.	N. E.	N. E.	Cloudy	Rain	Cloudy	0.40	17th and 18th. Pleasant.
17	29.79	29.76	29.76	59	72	56	62.3	N. W.	N. W.	N. W.	Cloudy	Clear	Clear		19th. Variable. Occasional showers during the day. Clear in the evening.
18	29.76	29.70	29.66	52	69	55	58.7	N. W.	W'ly	N. W.	Clear	Variable	Clear		20th. Very fine, but cool.
19	29.64	29.64	29.76	51	63	50	54.7	N. W.	N. W.	N. W.	Clear	Variable	Cl'r, sh'r		21st. Variable. Heavy shower for a few minutes from 3 to 4 P. M.
20	29.82	29.81	29.81	46	63	48	52.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		22d. Frost in some places in the vicinity this morning. Wind rather fresh N. W'ly all day, and quite cool.
21	29.68	29.56	29.54	44	63	50	52.3	N. W.	S. W.	S. W.	Variable	Cloudy	Clear		23d. No frost apparent, the night being windy.
22	29.61	29.65	29.71	42	55	42	46.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		24th. First white frost in the College yard. The day pleasant.
23	...	...	...	38	...	...	...	N. W.	...	...	Clear	...	...		
24	...	...	29.92	38	...	50	...	...	...	W'ly	...	...	Clear		
25	30.00	30.00	29.99	43	64	50	52.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		25th and 26th. Very fine.
26	30.05	30.03	29.99	45	67	51	54.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		
27	29.97	29.90	29.80	45	72	56	57.7	N. W.	S. W.	S. W.	Clear	Clear	Clear		27th. Fine.
28	29.71	29.68	29.70	57	74	60	63.7	S. W.	S. W.	S. W.	Variable	Clear	Clear		28th. Very fine.
29	29.79	29.83	29.89	56	64	51	57.0	N. W.	N. E.	N. E.	Clear	Variable	Clear		29th and 30th. Variable.
30	29.84	29.79	29.76	46	61	55	54.0	N. E.	S'ly	S'ly	Variable	Cloudy	Clear		
Means	29.79	29.74	29.77	54.4	68.2	57.5	...	...	...	...	...	...	...	1.40	
REDUCED TO SEA LEVEL.															
Max.	30.23	30.21	30.17	73	83	74	75.7								
Min.	29.51	29.50	29.62	38	53	42	46.3								
Mean	29.97	29.91	29.95												
Range	0.72	0.71	0.55	35	30	32	29.4								
Mean of month			29.943	...	...	...	60.0								
Extreme range			0.73	...	...	...	45.0								

Prevailing winds from some point between—

	Days.
N. & E.	7
E. & S.	0
S. & W.	9
W. & N.	14

	Days.
Clear	10
Variable } Cloudy	12
Rain fell on	8

October, 1842.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.77	29.71	29.62	49	71	56	58.7	N. W.	W'ly	W'ly	Clear	Clear	Clear		1st. Very fine.
2	29.62	29.56	29.59	59	72	54	61.7	S. W'ly	S. W.	N. W.	Cloudy	Clear	Clear		2d. Cloudy in the morning. Very clear in the evening.
3	29.70	29.63	29.69	47	64	54	55.0	W'ly	W'ly	N. W.	Variable	Clear	Clear		3d. Very fine.
4	29.74	29.73	29.79	43	63	48	51.3	W'ly	W'ly	N. W.	Clear	Clear	Clear		4th. Fine.
5	29.87	29.86	29.99	39	55	43	45.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		5th to 8th. Very fine.
6	30.10	30.09	30.09	36	57	44	45.7	N. E.	N. E'ly	N. W.	Clear	Clear	Clear		
7	30.08	29.99	29.96	42	64	50	52.0	S. W'ly	S. W'ly	S. W'ly	Clear	Clear	Clear		
8	29.86	29.78	29.73	50	68	58	58.7	S. W'ly	S. W.	S. W.	Clear	Clear	Clear		
9	29.64	29.46	29.37	58	71	64	64.3	S. W.	S. W.	S. W.	Cloudy	Cloudy	Cloudy		9th. Cloudy, with occasional sprinkling of rain.
10	29.62	29.69	29.71	48	68	49	55.0	W'ly	W'ly	W'ly	Clear	Clear	Clear		10th and 11th. Pleasant.
11	29.67	29.54	29.49	48	63	52	54.3	S. W.	S. W.	S'ly	Clear	Clear	Clear		12th and 13th. Very fine.
12	29.50	29.50	29.70	51	62	49	54.0	S. W'ly	W'ly	W'ly	Clear	Clear	Clear		14th. Fine for the most part.
13	29.81	29.84	29.88	41	62	47	50.0	N. W.	N. W.	S. W.	Clear	Clear	Clear		15th. Rainy in the morning. Variable through the day. Clear in the evening.
14	29.88	29.78	29.70	40	62	52	51.3	N. W.	S'ly	S'ly	Clear	Variable	Cloudy		16th and 17th. Very fine.
15	29.39	29.29	29.41	60	64	52	58.7	S. E'ly	S. W.	N. W.	Rain	Cloudy	Clear	0.36	18th. Pleasant during the day. Cloudy and variable in the evening. Wind S. W., very brisk, nearly a gale.
16	29.62	29.66	29.66	43	60	53	52.0	W'ly	N. W'ly	W'ly	Clear	Clear	Clear		
17	29.74	29.83	29.99	50	62	47	53.0	S. W'ly	S. W.	N. W.	Clear	Clear	Clear		
18	29.92	...	29.54	42	...	65	...	N. W.	...	S. W.	Variable	...	Variable		
19	29.64	29.68	29.82	47	54	40	47.0	N. W.	N. W.	N. W.	Cloudy	Clear	Clear		19th. Very fine.
20	29.84	29.84	29.89	36	48	39	41.0	N'ly	N'ly	N. W.	Clear	Cloudy	Clear		20th and 21st. Fine.
21	30.01	29.94	29.88	35	48	40	41.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		22d. Cloudy for the most part.
22	29.85	29.68	29.62	38	59	55	50.7	N. W.	S. W.	S. W.	Clear	Cloudy	Cloudy		23d. Sprinkling of rain early in the morning, from N. W. Variable in the afternoon. Clear in the evening.
23	29.54	29.60	29.78	50	60	44	51.3	N. W'ly	N. W'ly	N. W.	Rain	Variable	Clear		24th. Pleasant.
24	29.89	29.88	29.88	40	64	54	52.7	N. W.	N. W.	S'ly	Clear	Clear	Cloudy		25th. Wind fresh S'ly and S. E'ly in the morning. Began to rain moderately from 1 to 2 P. M. Moderate rain, with high wind, most of the afternoon. Wind lulled in the evening.
25	29.74	29.58	29.54	57	61	55	57.7	S. E'ly	S'ly	S'ly	Variable	Rain	Cloudy	0.80	
26	29.68	29.68	29.79	46	54	40	46.7	N. W.	N. W.	N. W.	Cloudy	Clear	Clear		26th. Pleasant.
27	29.80	29.91	30.10	36	53	41	43.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		27th to 30th. Very fine.
28	30.24	30.21	30.19	35	51	41	42.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		31st. Fine.
29	30.15	30.05	30.09	36	58	48	47.3	N. E.	W'ly	N. W'ly	Clear	Clear	Clear		
30	30.16	30.15	30.20	37	51	38	42.0	N. W.	N. W.	N. E.	Clear	Clear	Clear		
31	30.23	30.15	30.13	32	51	40	41.0	N. E.	N. E.	N. E.	Clear	Clear	Clear		
Means	29.81	29.77	29.80	44.2	60.0	48.8	...	...	...	...	...	...	...	1.16	
REDUCED TO SEA LEVEL.															
Max.	30.42	30.39	30.38	60	72	64	64.3								
Min.	29.57	29.47	29.55	32	48	38	41.0								
Mean	29.99	29.94	29.98												
Range	0.85	0.92	0.83	28	24	26	23.3								
Mean of month			29.970	...	...	...	51.0								
Extreme range			0.95	...	...	...	40.0								

Prevailing winds from some point between—

	Days.
N. & E.	2
E. & S.	1
S. & W.	12
W. & N.	16

	Days.
Clear	20
Variable, Cloudy	7
Rain fell on	4

November, 1842.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.95	29.93	29.98	36	60	46	47.3	S. W'ly	W'ly	N'ly	Clear	Clear	Clear		1st, 2d, and 3d. Fine.
2	29.95	30.02	30.09	44	51	39	44.7	N'ly	N. W'ly	N'ly	Variable	Clear	Clear		4th and 5th. Very fine.
3	30.20	30.15	30.12	30	47	38	38.3	N'ly	N'ly	N. W.	Clear	Clear	Clear		6th and 7th. Pleasant.
4	30.10	30.01	30.01	31	50	40	40.3	N. W.	N. W.	W'ly	Clear	Clear	Clear		8th. Moderate rain nearly all day, with wind N. E. Wind came to N. W. in the evening; cloudy.
5	30.00	29.94	29.89	38	60	48	48.7	N. W.	W'ly	S. W.	Clear	Clear	Clear		9th. Cloudy in the morning and afternoon. Rain in the evening, with thunder.
6	29.85	29.76	29.71	44	60	58	54.0	W'ly	S. E'ly	W'ly	Clear	Clear	Cloudy		10th. Pleasant.
7	29.62	29.61	29.60	49	58	48	51.7	W'ly	W'ly	E'ly	Clear	Clear	Variable		11th. Cloudy day. Evening very clear.
8	29.51	29.29	29.41	45	47	38	43.3	N. E.	N. E.	N. E.	Rain	Rain	Cloudy	1.12	12th. Cloudy in the morning. Moderate rain in the evening.
9	29.61	29.59	29.56	39	49	45	44.3	N. E.	N. E.	N. E.	Cloudy	Cloudy	Rain		13th. Pleasant.
10	29.62	29.63	29.72	39	48	38	41.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		14th. Moderate rain.
11	29.72	29.73	29.91	39	47	38	41.3	N. W.	N. W.	N. W.	Cloudy	Cloudy	Clear		15th. Fine.
12	29.92	29.91	29.85	39	47	42	42.7	N. W.	N. W.	W'ly	Cloudy	Cloudy	Rain	0.27	16th. Cloudy. Cleared from 8 to 9 P. M.
13	29.79	29.81	29.90	41	44	38	41.0	N. W.	N. W.	N'ly	Cloudy	Cloudy	Variable		17th. Clear in the morning. Cloudy in the afternoon. Moderate rain in the evening.
14	29.91	29.79	29.56	37	45	47	43.0	E'ly	S. E'ly	S. E'ly	Cloudy	Rain	Cloudy	0.50	18th. Rain in the morning. Clear in the afternoon. Wind blustering all day and evening.
15	29.70	29.71	29.83	40	49	36	41.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		19th. Blustering, but clear.
16	29.80	29.73	29.78	34	40	34	36.0	N'ly	N. E'ly	N. E'ly	Cloudy	Cloudy	Clear		20th. Clear. Wind fresh.
17	29.80	29.79	29.64	30	44	40	38.0	N'ly	N. E.	N. E.	Clear	Variable	Rain	0.38	21st. Fine. Aurora quite bright from 7 to 8 P. M.
18	29.06	28.99	29.31	56	53	32	47.0	S. E'ly	W'ly	N. W.	Rain	Clear	Clear		22d. Clear and fine.
19	29.50	29.51	29.68	26	36	32	31.3	N'ly	W'ly	W'ly	Clear	Clear	Clear		23d. Fine.
20	29.90	29.89	29.91	29	38	32	33.0	W'ly	W'ly	W'ly	Clear	Clear	Variable		24th. Rain in the morning; wind N. E. Wind came to N. W. from noon to 1 P. M., with rain and some snow—the first for the season—which continued but for a short time. Evening clear.
21	29.97	29.95	30.01	27	39	28	31.3	W'ly	W'ly	N. W.	Clear	Clear	Clear		25th. Pleasant.
22	30.07	30.06	30.06	26	40	27	31.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		26th. Fine.
23	30.07	30.01	29.91	25	42	33	33.3	N. W.	S. W.	E'ly	Clear	Clear	Clear		27th. At sunrise, cloudy; mild wind S. W., with some snow in the air. Before 11 A. M., the wind hauled to W'ly, grew cooler, and became very blustering. Cleared in the evening, with wind at N. W.; cold and very blustering.
24	29.60	29.39	29.80	38	37	35	36.7	N. E.	N. W.	N. W.	Rain	Rain	Clear	0.80	28th. Clear and cold.
25	30.07	29.99	29.94	30	41	38	36.3	N. W.	S. E.	N'ly	Clear	Clear	Cloudy		29th. Clear.
26	29.99	29.97	29.89	30	42	30	34.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		30th. Cloudy at sunrise; wind N. W., light. Before noon, wind came to N. E. At 3 P. M., commenced snowing moderately; wind still light. Storm increased in the evening. At 10 and 11 P. M., rain and snow, with the wind very heavy, and barometer 29.27 (at 10½ P. M.), and slowly falling. At sunrise (Dec. 1st), barometer 29.10, and rising; wind N. W'ly, with the air full of snow.
27	29.46	29.39	29.60	36	35	24	31.7	S. W.	N. W.	N. W.	Snow	Clear	Clear		
28	29.80	29.81	29.94	20	28	23	23.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		
29	30.03	30.02	30.16	18	26	22	22.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		
30	30.15	29.97	29.17	23	29	32	28.0	N. W.	N. E.	N. E.	Cloudy	Cloudy	R'n & sn.	0.75	
Means	29.82	29.78	29.80	34.6	44.4	36.7	...	...	...	...	...	...	...	3.82	
REDUCED TO SEA LEVEL.															
Max.	30.38	30.33	30.34	56	60	58	54.0								
Min.	29.24	29.17	29.35	18	26	22	22.0								
Mean	30.00	29.96	29.98												
Range	1.14	1.16	0.99	38	34	36	32.0								
Mean of month			29.980	...	...	...	38.6								
Extreme range			1.21	...	...	...	42.0								

Prevailing winds from some point between—

	Days.
N. & E.	5
E. & S.	3
S. & W.	3
W. & N.	19

	Days.
Clear	14
Variable, Cloudy	9
Rain or snow fell on	7

December, 1842.

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS.			WEATHER.			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.01	29.20	29.50	33	33	28	31.3	N. W.	N. W.	N. W.	Snow	Cloudy	Clear		1st. Wind N.W. at sunrise. About three inches of wet snow, and air still filled with snow.
2	29.93	29.96	29.97	24	31	25	26.7	N. W.	N. W.	N. W.	Clear	Clear	Clear		2d and 3d. Fair.
3	29.66	29.64	29.68	37	45	38	40.0	S. W.	S. W.	W'ly	Cloudy	Cloudy	Clear		4th. Cloudy.
4	29.70	29.67	29.60	37	46	46	43.0	N. W.	S. W'ly	S. W'ly	Cloudy	Cloudy	Cloudy		5th. Cloudy. Rain in the evening.
5	29.60	29.59	29.64	42	44	35	40.3	S. W.	S. W.	S. W.	Very cl'y	Cloudy	Rain	0.33	6th. Pleasant, but cold.
6	30.10	30.12	30.19	28	29	23	26.7	N. W.	N. W.	N'ly	Clear	Clear	Cloudy		7th. Cloudy. Began to snow at 9 A. M. Not enough snow to cover the ground. Clear towards night.
7	30.02	29.90	29.90	26	37	29	30.7	N'ly	N. W'ly	N. W.	Cloudy	Clear	Clear		
8	29.90	29.84	29.70	29	30	32	30.3	N. W.	N. E.	N. E'ly	Cloudy	Snow	Cloudy	} 0.67	8th. Cloudy in the morning. Snowed moderately in the afternoon.
9	29.42	29.47	29.67	35	29	30	31.3	N. E.	N. E.	N. W'ly	Rain	Snow	Clear		9th. Rain during previous night. Continued, mixed with snow, moderately through the greater part of the day. Clear in the evening.
10	29.94	30.07	30.16	30	27	27	28.0	N. E.	N. W.	N. W.	Cloudy	Clear	Clear		10th. Pleasant.
11	30.07	29.94	29.91	28	33	31	30.7	N. W.	N. W.	N'ly	Cloudy	Cloudy	Cloudy		11th. Cloudy. Wind very light; nearly calm.
12	30.00	30.01	30.16	30	32	23	28.3	N. W.	N. W.	N. W.	Variable	Variable	Cloudy	} 0.60	12th. Variable. Circle round the moon.
13	30.16	29.91	29.57	24	32	32	29.3	N. E'ly	N. E.	N. E.	Cloudy	Snow	Snow		13th. Began to snow from noon to 1 P. M.
14	29.42	...	...	24	...	...	...	N. W.	...	...	Snow	...	...		14th. Ground covered with snow and water. My thermometer got broken by the water collecting in the bottom of the tin case and freezing.
15	30.06	30.07	30.10	...	...	25	...	N. W.	N. W.	N. W.	Clear	Clear	Clear		15th. Very fine.
16	30.00	29.87	29.79	24	33	27	28.0	W'ly	W'ly	W'ly	Clear	Cloudy	Variable		16th and 17th. Pleasant.
17	29.73	29.70	29.40	21	25	27	24.3	N. W.	N. W.	S. W.	Clear	Clear	Clear		18th. Blustering. Flurry of snow at 2 P. M. Wind soon came to N. W., and grew cold.
18	29.25	29.24	29.52	28	34	17	26.3	S. W.	W'ly	N. W.	Clear	Snow	Clear		19th. Cold in the morning. Pleasant towards evening. At 10 P. M., wind light S. W'ly. Clouds at the same time coming from the N. W.
19	29.64	29.51	29.66	14	28	27	23.0	N. W.	S. W.	S. W.	Clear	Cloudy	Clear		20th. Pleasant.
20	29.92	29.94	29.86	24	35	30	29.7	N. W.	W'ly	S. W.	Clear	Clear	Clear		21st. Began to rain moderately at 7 A. M.; more copiously in the evening.
21	29.80	29.60	29.16	31	38	45	38.0	N. E.	N. E.	E'ly	Cloudy	Rain	Rain	1.33	22d. Mild.
22	29.16	29.23	29.49	40	43	29	37.3	W'ly	W'ly	N. E.	Cloudy	Variable	Snow		23d. One and a half inch of light snow. Clear and cold.
23	29.70	29.74	29.93	21	23	17	20.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		24th. Cold, but not unpleasant. Very little air stirring.
24	30.24	30.34	30.43	7	14	10	10.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		25th. Cloudy, with some snow. Nearly calm.
25	30.41	30.27	30.31	18	33	29	26.7	N. W.	N. E.	N. W'ly	Cloudy	Cloudy	Variable		26th. Very fine.
26	30.30	...	30.17	24	...	34	...	N. W.	...	N. W.	Clear	...	Variable		27th. Cloudy, but mild.
27	30.12	30.02	30.02	34	37	33	34.7	N. W.	N. W.	N. W.	Cloudy	Cloudy	Cloudy		28th. Fine.
28	30.14	30.22	30.22	25	27	17	23.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		29th. Wind light N. E. during the day. Became a fresh breeze, approaching to strong wind, at 10 P. M., when snow commenced falling. Barometer 29.81, and falling pretty fast. After considerable snow had fallen, which was much drifted, the wind came to S. E., and the snow changed to rain, which continued till morning.
29	30.15	29.99	29.72	13	22	28	21.0	N. W.	N. E.	N. E.	Variable	Cloudy	Snow	} 1.00	
30	29.11	29.06	29.24	38	36	32	35.3	S. E.	S. W.	N. W.	Rain	Cloudy	Clear		30th. Ground covered with wet snow and snow-water. Storm ceased from 8 to 9 A. M. Cloudy in the afternoon. Clear in the evening.
31	29.45	29.52	29.70	27	26	18	23.7	N. W.	N. W.	N. W.	Cloudy	Clear	Clear		31st. Cloudy in the morning. Very clear and cold in the evening.
Means	29.81	29.78	29.81	27.2	32.2	28.1	...	...	...	...	...	...	...	3.93	
REDUCED TO SEA LEVEL.															
Max.	30.59	30.52	30.61	42	46	46	43.0								
Min.	29.19	29.24	29.34	7	14	10	10.3								
Mean	29.99	29.96	29.99												
Range	1.40	1.28	1.27	35	32	36	32.7								
Mean of month			20.980	...	...	...	29.2								
Extreme range			1.42	...	...	...	39.0								

Prevailing winds from some point between—

	Days.
N. & E.	5
E. & S.	0
S. & W.	8
W. & N.	18

	Days.
Clear	7
Variable, Cloudy	13
Rain or snow fell on	11

January, 1843.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.91	29.97	30.10	17	28	21	22.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		1st. Fine, though cool.
2	30.11	29.91	29.68	14	17	17	16.0	N. E.	N. E.	N. E.	Cloudy	Snow	Cloudy		2d. Cloudy. Wind light N. E. Flurry of snow from 1 to 2 P. M.
3	29.51	29.57	30.00	21	27	12	20.0	N'ly	N. W.	N. W.	Snow	Clear	Clear		3d. Cold. Wind brisk N. W. Flurry of snow in the morning.
4	30.11	30.05	30.09	8	22	16	15.3	N. W.	S. W.	W'ly	Clear	Cloudy	Clear		4th. Fine for the most part.
5	30.07	30.00	30.02	22	37	38	32.3	S. W'ly	S. W.	N. E.	Cloudy	Cloudy	Rain		5th. Cloudy, but mild. Began to rain very moderately from 7 to 8 P. M. Amount of rain not more than enough to wet the surface of ground.
6	30.09	30.09	30.10	30	35	34	33.0	N. E.	N. E.	N. E.	Cloudy	Clear	Misty		6th. Cloudy, with mist in the evening.
7	30.09	30.08	30.04	34	37	36	35.7	N. E.	N. E.	N. E.	Cloudy	Cloudy	Misty		7th. Misty. Wind light N. E.
8	29.95	29.91	29.89	38	49	49	45.3	N. E'ly	S. W.	S'ly	Misty	Cloudy	Cloudy		8th. Mild. Cloudy, occasionally broken.
9	30.05	29.99	30.04	48	52	45	48.3	S. W'ly	S'ly	S'ly	Foggy	Misty	Misty		9th. Very foggy. Heavy mist and occasional sprinkling of rain.
10	30.08	30.00	29.97	43	51	47	47.0	N. W'ly	Misty	S. W.	Foggy	Cloudy	Variable		10th. Fog, mist, and light rain at sunrise. Clouds broken in the evening.
11	29.94	29.92	29.96	48	52	43	47.7	S. W.	N. W.	N. W.	Misty	Cloudy	Misty		11th. Heavy mist and fog for the greater part of the day.
12	29.85	29.78	29.68	40	43	42	41.7	N. E'ly	N. E'ly	N. W'ly	Misty	Misty	Misty		12th. Very mild, with mist and occasional sprinkling of rain.
13	29.52	29.39	29.35	38	41	42	40.3	N. E'ly	N. E'ly	W'ly	Rain	Cloudy	Variable	0.25	13th. Moderate rain at sunrise; ceased from 9 to 10 A. M. Clouds broken in the evening.
14	29.46	29.49	29.59	34	35	31	33.3	W'ly	W'ly	W'ly	Clear	Cloudy	Cloudy		14th. Pleasant. Cloudy in the afternoon.
15	29.76	29.79	29.84	32	37	36	35.0	S. W'ly	W'ly	W'ly	Variable	Variable	Clear		15th. Variable; sunshine and clouds throughout the day. Very clear in the evening.
16	...	30.19	30.31	26	33	27	28.7	N'ly	N. W.	N. W.	Clear	Clear	Clear		16th. Very fine.
17	30.50	30.50	30.55	20	30	25	25.0	N. W.	N. E.	N. E.	Clear	Clear	Clear		17th. Very fine. Evening beautifully clear and calm.
18	30.41	30.25	30.19	26	42	37	35.0	S. W.	S. W.	S. W.	Clear	Clear	Clear		18th, 19th, and 20th. Very fine.
19	30.09	30.00	29.98	30	48	45	41.0	S. W.	S. W.	S. W.	Clear	Cloudy	Clear		21st. Pleasant and warm. Frost out of ground, and farmers ploughing in the vicinity.
20	29.98	29.98	30.06	44	54	40	46.0	S. W.	S. W.	N. W.	Clear	Clear	Clear		22d. Very fine.
21	30.01	29.82	29.68	36	47	44	42.3	S. W.	S'ly	S. W.	Variable	Cloudy	Clear		23d. Very mild and pleasant. Starlight early in the evening. Cloudy at 10 P. M.; quite calm.
22	29.61	29.52	29.56	44	50	38	42.7	W.	W'ly	N. W.	Clear	Clear	Clear		24th. Variable; mild. Rather blustering in the evening.
23	29.57	29.43	29.15	34	40	37	37.0	N. W.	N. W.	S. W'ly	Clear	Variable	Cloudy		25th. Fine. Rather blustering in the evening.
24	29.00	28.92	29.03	37	45	33	38.3	S. W.	N. W'ly	N. W.	Variable	Cloudy	Variable		26th. Fine.
25	29.23	29.23	29.48	27	35	23	28.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		27th. Variable; mild. Wind very light.
26	29.81	29.81	29.96	20	32	23	25.0	N. W.	N. W.	N. W.	Clear	Clear	Clear		28th. Rain, hail, mist, and snow during the greater part of the day.
27	30.01	29.95	29.92	18	35	33	28.7	N. W.	S. W.	S. W.	Clear	Cloudy	Cloudy		29th. Ground barely covered with sleet and snow, which mostly disappeared during the day.
28	29.70	29.62	29.72	32	31	30	31.0	N. E.	N. E.	N. E.	Rain	Misty	Cloudy	0.35	30th. Very fine.
29	29.97	30.02	30.04	19	28	23	23.3	N. W.	N. W.	N. W.	Clear	Clear	Clear		31st. At sunrise, wind light N. E., with mist. Clouds and mist continued during morning, and wind hauled to E'ly and freshened. In the afternoon, wind brisk S. E., with dashes of rain. From 7 to 8 P. M., wind S. E., blowing a gale.
30	30.01	29.94	29.89	20	38	32	30.0	N. W.	S. W.	S. W.	Clear	Clear	Clear		
31	29.70	29.45	29.15	34	50	44	42.7	N. E.	S. E.	W'ly	Cloudy	Cloudy	Clear		
Means	29.87	29.86	29.84	30.1	38.7	33.6	...	...	...	...	...	...	...	0.60	
REDUCED TO SEA LEVEL.															
Max.	30.68	30.68	30.73	48	54	49	48.3								
Min.	29.18	29.10	29.21	8	17	12	15.3								
Mean	30.05	30.04	30.02												
Range	1.50	1.58	1.52	40	37	37	33.0								
Mean of month			30.037	...	...	...	34.2								
Extreme range			1.63	...	...	...	46.0								

Prevailing winds from some point between—

	Days.
N. & E.	7
E. & S.	1
S. & W.	13
W. & N.	10

	Days.
Clear	10
Variable, Cloudy	12
Rain or snow fell on	9

February, 1843.

DAYS.	BAROMETER, REDUCED TO 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (DIRECTION AND FORCE.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (TENTHS CLOUDY.) Sunrise.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
1	29.30	29.08	29.17	40	34	31	35.0	S'ly 1	N. E. 1	N. W. 2	Rain	Snow	0	1.08	1st. Early in morning, wind S'ly, with moderate rain. Before noon, wind came to N. E.; rain turned to snow, which continued till towards night, when wind came to N. W'ly, and cleared in evening.
2	29.56	29.66	29.92	17	14	9	13.3	S. W. 2	N. W. 4	N. W. 2	2	0	0		
3	30.11	30.06	30.06	6	26	23	18.3	W. 1	W'ly 0	S'ly 0	0	8	10		
4	30.06	30.04	30.08	20	34	27	27.0	N. W. 1	S. W'ly 1	N. E'ly 1	1	0	8		2d. Flurry of snow at 10 A. M. Wind changed from S. W. to N. W., and grew cold.
S 5	29.87	29.50	28.83	24	31	33	29.3	N. E. 2	N. E. 4	N. E. 5	10	Snow	Rain	2.20	3d. Hazy during the day. Wind came to S. W. and S'ly, very light, in afternoon. Haze thickened to clouds in evening. Flurry of snow during night.
6	28.84	28.89	29.13	27	29	16	24.0	W by S. 1	N. W'ly 3	N. W'ly 4	10	9	2		4th. Pleasant.
7	29.26	29.38	29.67	12	17	12	13.7	N. W. 2	N. W'ly 3	W. 2	2	0	5		5th. Began to snow gently at 10 A. M.; wind light N. E. At 1 P. M., snowed very fast, wind increased to that of a pretty heavy storm; both continued till 5 P. M., when the snow, having become more and more moist, began to be mixed with rain. In evening, rain and snow—chiefly rain, though moderate; wind unabated. At 12 P. M., wind much abated. Bar. ranged from 28.97, at 8¾ P. M., to 28.88 at midnight.
8	29.67	29.67	29.93	14	21	16	17.0	W'ly 1	W'ly 3	W'ly 2	0	8	0		
9	30.06	30.11	30.21	7	22	8	12.3	W'ly 1	W'ly 2	W'ly 0	0	4	0		
10	30.31	30.32	30.27	2	15	20	12.3	N. W. 1	N. W. 1	N. E. 1	0	0	10		
11	29.61	29.41	29.66	37	43	32	37.3	S. E. 3	S. W. 1	W'ly	Rain	Misty	0	1.00	
S 12	29.71	29.67	29.95	30	38	21	29.7	S. W. 0	W. 3	N. W. 1	10	1	4		
13	30.05	30.01	30.05	19	24	22	21.7	N. E. 1	N. E. 1	N. E. 1	10	10	10		
14	30.02	29.96	29.72	16	24	27	22.3	N. E. 1	N. E. 2	N. 2	Snow	Snow	Snow	} 0.72	
15	29.29	29.21	29.44	16	20	16	17.3	N. 2	N. W. 2	N. W. 3	Hail	Hail	0		6th. Blustering. Occasional flurries of snow.
16	29.65	29.77	29.88	10	20	10	13.3	W. 2	N. W. 2	N. W. 1	0	2	0		7th. Cold. Hazy in the evening.
17	29.96	29.92	29.86	2	20	15	12.3	N. W. 1	N. W. 2	W. 1	0	0	5		8th. Rather severe. Cloudy during the day.
18	30.01	30.06	30.11	6	24	15	15.0	N. W. 1	W'ly 1	W'ly 0	0	2	Snow	} 0.27	9th. Pleasant for cold weather.
S 19	30.03	29.87	29.65	18	26	24	22.7	N. E. 1	N. 1	N. E. 1	10	10	Rain		10th. Clear in morning; pleasant, though cold. Cloudy in afternoon. Wind came to N. E. at 8 P. M.
20	29.45	29.46	29.46	31	39	31	33.7	S'ly 1	N. W. 1	N. W. 1	Foggy	2	5		11th. Rainy at sunrise; wind S. E., which came round to S. W. from 9 to 10 A. M. Clouds broken at 3 P. M. Very clear in the evening.
21	29.35	29.26	29.38	24	26	23	24.3	N. 2	N. 1	N. W. 1	10	10	2		12th. Pleasant.
22	29.50	29.40	29.29	22	38	28	29.3	W'ly 1	S. W. 1	W'ly 1	1	10	2		13th. Thin clouds all day, with snow in the air
23	29.60	29.61	29.66	14	21	16	17.0	N. W. 3	N. W. 3	N. W. 1	0	1	0		14th. Moderate snow nearly all day, quite dry in morning, but became moist in evening.
24	29.67	29.57	29.58	14	26	19	19.7	W. 1	W'ly 1	W'ly 1	8	0	0		15th. Fine hail nearly all day. Clouds became broken at sunset. Very clear in the evening.
25	29.61	29.54	29.54	13	34	24	23.7	N. W. 1	S. W. 1	S. W. 1	0	0	0		16th and 17th. Pleasant.
S 26	29.60	29.63	29.69	30	37	32	33.0	W. 1	W. 2	W. 1	0	0	0		18th. Pleasant in the morning. Cloudy towards night About an inch of light snow during night.
27	29.57	29.50	29.71	24	32	24	26.7	N. E. 2	N'ly 1	N. W. 2	Snow	10	0		19th. Raw and unpleasant. Air full of fine mist or congealed vapor. Moderate rain in evening.
28	29.90	29.89	29.79	17	34	29	26.7	N. W. 1	N. W. 1	S. W'ly 1	0	0	Hazy		20th. Foggy at sunrise; wind S'ly. Wind came to S. W. and W., A. M. Sun came out warm.
Means	29.70	29.66	29.70	18.3	27.5	21.5	...	1.4	1.7	1.4	4.8	4.6	4.0	5.27	21st. Clouds broken at sunset.
									1.5			4.5			22d. Clear and pleasant at sunrise. Clouded up by 10 A. M. Began to snow moderately from 2 to 3 P. M., continued till 8 or 9 P. M.; then clear.
REDUCED TO SEA LEVEL.															23d. About 1½ or 2 inches of light snow.
Max.	30.49	30.50	30.45	40	43	33	37.3								24th, 25th, and 26th. Pleasant.
Min.	29.02	29.07	29.01	2	14	8	12.3								27th. Air full of snow from 7 to 11 A. M., without much more than covering the ground. Cleared in the afternoon; wind N. W., fresh in evening.
Mean	29.89	29.84	29.88												28th. Pleasant. Flurry of snow during night.
Range	1.47	1.43	1.44	38	29	25	25.0								

Prevailing winds from some point between—	Days.
N. & E.	6
E. & S.	0
S. & W.	8
W. & N.	14

	Days.
Clear	8
Variable, Cloudy	6
Rain or snow fell on	14

Mean of month	29.870	...	22.4
Extreme range	1.49	...	41.0

March, 1843.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.57	29.49	29.54	24	35	22	27.0	W. 1	N. W. 2	N. W. 2	0	7	0		1st. Pleasant.
2	29.61	29.65	29.80	16	23	16	18.3	N. W. 3	N. W. 3	N. W. 3	0	0	0		2d. Wind brisk, and cold pretty severe.
3	29.87	29.80	29.81	12	22	15	16.3	N. W. 2	N. W. 3	N. W. 2	0	0	0		3d and 4th. Cold and severe.
4	29.87	29.77	29.70	13	24	19	18.7	N. W. 1	N. W. 3	N. W. 2	4	0	0		5th. Cold and blustering. A beam of light first seen in the west this evening which resembled the tail of a comet.
S 5	29.61	29.50	29.58	14	27	20	20.3	N. W. 2	N. W. 4	N. W. 2	0	0	0		6th. Cold and blustering. Aurora, not bright.
6	29.71	29.69	29.80	16	24	20	20.0	N. W. 2	N. W. 3	N. W. 4	0	0	0		7th. Blustering. After sunset, a beam or brush of light appeared in the west; presumed to be the tail of a comet; the body was below the horizon; the tail became visible 3° or 4° above horizon, 10° or 15° S. of W., and inclined S., making with horizon an angle of 30° or 35°, and 40° or 45° in length. At narrowest point near horizon, it was about 2° wide, and at broadest point, towards upper extremity, it was, perhaps, 4° or 5° broad. Was seen on evening of 5th. Visible till about 8 o'clock.
7	29.82	29.76	29.84	17	28	22	22.3	N. W. 3	N. W. 4	N. W. 3	0	0	0		
8	29.88	29.81	29.80	17	35	31	27.7	N. W. 2	N. W. 2	N. W. 1	0	0	5		
9	29.85	29.87	29.94	25	41	32	32.7	N. W. 1	N. W. 1	N. W. 1	0	4	5		
10	29.98	29.92	29.75	30	37	32	33.0	N. E. 1	E'ly 1	E'ly 3	8	10	Rain	0.60	
11	29.40	29.52	29.74	34	40	33	35.7	N'ly 1	N. W'ly 1	N. W. 2	Misty	1	0		
S 12	29.98	29.93	30.02	25	36	33	31.3	N. W. 2	N. W. 2	N. W'ly 2	0	0	10		
13	29.90	29.63	29.15	33	33	34	33.3	N. E. 2	E'ly 3	N. E. 3	10	R'n, h'l	Rain	0.80	8th. Weather fine. Evening cloudy and hazy. The comet not visible.
14	29.36	29.55	29.66	26	27	26	26.3	N. W. 4	W'ly 6	N. W. 5	0	0	0		9th. Very fine. The comet again visible.
15	29.56	29.40	29.73	31	41	29	33.7	S. W. 2	S. W. 3	N. W. 3	5	5	5		10th. Cloudy A. M. Gentle snow P. M. Moderate rain in the evening.
16	29.87	29.81	29.61	27	37	30	31.3	W'ly 2	N. E. 2	N. E. 4	7	4	Snow	} 0.75	
17	28.80	28.75	29.23	35	36	29	33.3	E'ly 5	W'ly 4	W'ly 4	Rain	Snow	0		11th. Clouds and mist A. M. Clear P. M. The comet very distinct, notwithstanding the increased light of the moon.
18	29.29	29.32	29.44	23	33	25	27.0	W'ly 4	W. 5	W'ly 3	0	0	0		12th. Fine.
S 19	29.43	29.42	29.50	19	34	26	26.3	N. W. 2	N. W. 2	N. W. 2	0	4	0		13th. Moderate rain and hail all day.
20	29.54	29.52	29.60	20	35	27	27.3	N. W. 2	N. W. 3	N. W. 2	0	3	0		14th. Blustering and severe. Comet visible.
21	29.65	29.69	29.72	28	36	31	31.7	N. W. 1	N. W. 2	N. W. 2	0	2	10		15th. Blustering. Comet faintly visible.
22	29.69	29.59	29.53	21	40	30	30.3	N. W. 1	S. W. 1	S'ly 1	0	4	6		16th. Variable. Wind N. E.; heavy in evening.
23	29.40	29.21	29.19	26	32	14	24.0	E. 2	S. E'ly 3	N. W. 5	8	Snow	0	} 0.10	17th. Heavy snow and rain last night. Bar. fell to 28.74 by 11 A. M. Wind W'ly; very blustering. Cleared in evening. Comet very brilliant.
24	29.11	29.40	29.66	16	36	26	26.0	N. W. 3	N. W. 3	N. W. 2	Snow	0	0		
25	29.76	29.69	29.69	25	36	28	29.7	W'ly 2	S. W. 2	W. 2	8	4	2		18th. Clear and cold. Comet brilliant; nucleus about 2° S. E. of Eta Eridoni, and upper end of tail a few degrees beyond the head of the Hare or Lepus. A bright meteor was seen, which seemed to explode near Musca, or the Fly, leaving a train of light visible with a telescope for 10 minutes.
S 26	29.70	29.81	30.05	24	33	26	27.7	N. W. 3	N. W. 3	W'ly 2	0	0	0		
27	30.14	30.09	30.02	22	43	32	32.3	N. W. 2	S'ly 2	E'ly 2	0	9	10		
28	29.63	29.18	28.94	37	45	46	42.7	S. E. 3	S. E. 5	S. W'ly 3	Rain	Rain	Misty	3.33	19th. Fine, though cool. Comet very bright.
29	29.20	29.56	29.80	34	40	34	36.0	N. W. 3	N. W. 3	N. W. 2	5	0	0		20th and 21st. Pleasant. Clouds prevented the comet from being seen well.
30	29.93	30.03	30.12	30	42	33	35.0	N. W. 1	N. W. 2	N. E'ly 2	0	0	10		22d. Pleasant. Comet still obscured by clouds.
31	30.12	30.04	29.93	28	36	30	31.3	N. E. 2	N. E. 2	N. E. 2	10	10	Snow		23d. Snow. Cleared in evening. Comet visible.
Means	29.65	29.62	29.67	24.1	34.4	27.5	...	2.2	2.7	2.5	3.4	3.4	3.2	5.58	24th. Pleasant. Evening very clear. Comet declining a little in brightness.
									2.6			3.3			25th. Flurry of snow early in the evening.
REDUCED TO SEA LEVEL.															26th. Pleasant. Comet visible.
Max.	30.32	30.27	30.30	37	45	46	42.7								27th. Appearances of storm.
Min.	28.98	28.93	29.12	12	22	14	16.3								28th. Violent storm. Bar. lowest at 10 P. M.
Mean	29.83	29.80	29.85												29th. Clear evening. Comet visible, but faint. aurora in the north—not very bright.
Range	1.34	1.34	1.18	25	23	32	26.4								30th. Pleasant.

Prevailing winds from some point between—	Days.
N. & E.	3
E. & S.	3
S. & W.	5
W. & N.	20

	Days.
Clear	13
Variable, Cloudy	11
Rain or snow fell on	7

Mean of month	29.827	...	28.7
Extreme range	1.39	...	34.0

31st. Began to rain and hail at 7 P. M.; turned to snow before 10 P. M.

April, 1843.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.64	29.50	29.60	31	34	32	32.3	N. E. 2	N. E. 3	N. W. 2	Rain	Rain	7	0.70	1st. Rain, hail, and snow. Cleared partially at 8 P. M. Ground covered with snow and sleet.
S 2	29.72	29.80	29.88	25	36	31	30.7	N. W. 3	N. W. 3	N. W. 2	0	0	0		2d. Pleasant, but rather blustering.
3	29.94	29.95	30.00	28	39	32	33.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		3d. Fine.
4	30.04	30.05	30.03	25	42	34	33.7	N. W. 1	N. E. 1	N. E. 1	0	5	10		4th. Mild, and a little spring-like.
5	29.95	...	29.65	32	...	32	...	N. E. 1	N. E. 1	N. E. 3	10	Rain	Rain	0.44	5th. Began to snow moderately from 7 to 8 A. M.; soon turned to rain, which continued during the day and evening.
6	29.51	29.54	29.62	35	46	37	39.3	N. W. 2	N. W. 2	N. W. 2	6	0	0		6th. Aurora in the evening—not brilliant
7	29.62	29.64	29.66	34	45	41	40.0	N. W. 2	N. W. 2	N. W. 2	0	0	2		7th. Fine.
8	29.51	29.19	29.23	39	57	45	47.0	S. W. 2	S. W. 2	W'ly 2	10	8	2		8th. Warm and spring-like.
S 9	29.19	29.14	29.20	40	52	40	44.0	S. W. 1	N. W. 1	N. W. 1	8	5	0		9th. Very pleasant.
10	29.35	29.41	29.52	37	41	35	37.7	N. W. 2	N. W. 2	N. W. 1	2	10	0		10th. A well-defined halo round the moon from 8 to 10 P. M.
11	29.63	29.64	29.63	34	48	44	42.0	N. W. 1	N. W. 3	N. W. 2	0	0	8		11th and 12th. Very fine.
12	29.80	29.83	29.91	38	60	47	48.3	N. W. 1	N. W. 1	S. W. 1	0	0	0		13th. Fine.
13	29.94	29.95	30.00	36	55	44	45.0	S'ly 2	S'ly 2	S'ly 1	0	0	5		14th. Very light rain in the morning. Cloudy in the afternoon.
14	30.00	29.99	29.98	47	59	52	52.7	S'ly 1	S. E. 1	S. E. 1	10	Rain	10		15th. Occasional mist and rain.
15	29.83	29.80	29.78	55	59	53	55.7	S. E. 2	S. E. 2	S'ly 1	10	10	10		16th. Very warm.
S 16	29.78	29.71	29.71	54	67	50	57.0	S'ly 1	S. E'ly 1	S. W. 1	10	6	2		17th. Misty and raw.
17	29.68	29.78	29.82	50	45	40	45.0	N. E. 1	N. E. 2	N. E. 3	Misty	Misty	Rain	0.95	18th. Raw and unpleasant. Mist, snow, and rain together.
18	29.88	29.93	29.99	40	38	36	38.0	N. E. 2	N. E. 3	N. E. 3	Misty	Rain	10		19th. Raw and cold.
19	29.99	29.98	29.95	36	39	39	38.0	N. E. 4	N. E. 3	...	10	10	10		20th. Cloudy and raw in the morning. Clouds broken in the afternoon. Clear in the evening.
20	29.93	29.91	29.92	39	50	40	43.0	N. E. 2	N. E. 2	N. E'ly 1	10	9	0		21st. Very fine.
21	29.94	29.89	29.88	40	62	46	49.3	N'ly 1	N'ly 1	S'ly 1	0	0	0		22d. Fine.
22	29.89	29.90	29.92	49	65	47	53.7	S. E. 1	S. E. 1	S'ly	8	0	0		23d. Pretty heavy rain in the afternoon.
S 23	29.85	29.72	29.60	47	49	51	49.0	S. E. 1	S. E. 2	S'ly 2	Rain	Rain	10	2.00	24th. Air warm and damp.
24	29.51	29.44	29.55	49	66	56	57.0	S'ly 1	W'ly 1	N. W. 1	Misty	5	10		25th. Air damp.
25	29.58	29.55	29.72	51	53	48	50.7	N. E'ly 2	N. E. 2	N. E. 2	Misty	7	Misty		26th. Misty.
26	29.78	29.74	29.71	50	61	55	55.3	N. E. 1	N. E. 1	N. E. 1	Misty	Misty	Misty		27th. Rain at intervals. Thunder in the evening.
27	29.51	29.31	29.35	53	55	49	52.3	S'ly 1	S. W.	N. E. 1	Misty	Rain	10	0.25	28th and 29th. Pleasant.
28	29.56	29.59	29.59	46	66	54	55.3	N. W. 1	N. W.	N. W.	4	0	0		30th. Rainy afternoon and evening. Air raw.
29	29.76	29.83	29.92	49	54	45	49.3	N. E. 1	N. E. 2	S. E. 1	8	5	10		
S 30	29.93	29.86	29.73	42	51	50	47.7	S. E. 1	E'ly 3	S. E'ly 3	9	10	Rain		
Means	29.74	29.71	29.73	41.0	51.5	43.5	...	1.6	1.9	1.6	6.5	5.7	5.5	4.34	
								1.7			5.9				
REDUCED TO SEA LEVEL.															
Max.	30.22	30.23	30.21	55	67	56	57.0								
Min.	29.37	29.32	29.38	25	34	31	30.7								
Mean	29.92	29.89	29.91												
Range	0.85	0.91	0.83	30	33	25	20.3								
Mean of month		29.907		...	...	...	45.3								
Extreme range		0.91		...	...	...	42.0								

Prevailing winds from some point between—	Days.
N. & E.	11
E. & S.	5
S. & W.	4
W. & N.	10

	Days.
Clear	10
Variable, Cloudy	11
Rain fell on	9

May, 1843.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.50	29.54	29.72	52	62	52	55.3	S. E. 5	S. W. 2	W'ly 2	Rain	1	2	1.60	1st. Rain in the morning. Pleasant in the afternoon.
2	29.89	29.90	30.04	46	58	46	50.0	N. W. 1	N. W. 1	N. W. 1	1	2	0		2d. Very fine.
3	30.07	30.11	30.13	42	54	45	47.0	N. E. 1	S'ly 2	S'ly 1	3	10	10		3d. Pleasant.
4	30.11	30.02	30.02	42	64	44	50.0	N. E. 1	S. E'ly 1	S. E'ly	0	0	0		4th. Fine
5	30.12	30.15	30.12	48	52	44	48.0	N. E'ly 2	N. E. 2	S'ly 1	10	1	8		5th and 6th. Pleasant.
6	30.14	30.09	30.02	45	57	45	49.0	N. E. 1	N. E. 1	S'ly 1	10	2	5		7th. Heavy showers and frequent thunder during the day.
S 7	29.89	29.80	29.71	53	57	56	55.3	S. W. 1	S. W. 1	S. W. 1	10	Rain	10	1.50	8th and 9th. Pleasant.
8	29.65	29.58	29.66	56	70	53	59.7	S. W. 2	S. W. 2	N. W. 2	10	8	0		10th. An unusually bright bow, with prismatic colors, appeared for some time about the sun between noon and 2 P. M. A fog bow also appeared about the moon in the evening, the air being hazy.
9	29.71	...	29.98	53	...	47	...	N. W. 2	...	N. E.	0	...	5		
10	30.04	30.09	30.06	44	65	49	52.7	N. E. 2	N. E. 2	N. E. 1	0	0	5		11th. Variable.
11	29.96	29.89	29.79	45	63	48	52.0	N. E. 1	N. E. 2	N. E. 3	9	10	7		12th. Very fine.
12	29.71	29.70	29.75	44	72	49	55.0	N. 1	N. E. 2	N. E. 1	0	0	0		13th, 14th, and 15th. Fine.
13	29.79	29.75	29.75	47	63	51	53.7	E'ly 2	E'ly 2	S'ly 1	5	0	5		
S 14	29.74	29.70	29.69	51	67	56	58.0	S'ly 1	S. W. 1	S'ly 1	9	0	3		
15	29.69	29.60	29.57	54	67	58	59.7	S. E'ly 1	S. E'ly 2	S'ly 1	0	0	2		
16	29.59	29.58	29.61	56	75	63	64.7	W'ly 1	N. W. 2	S. W. 1	4	0	0		16th. Very fine.
17	29.74	29.74	29.90	60	64	47	57.0	W'ly 1	S. W. 3	N. W. 2	5	9	0		17th to 20th. Fine.
18	...	...	29.99	44	...	46	...	N. W. 2	...	N. W. 1	0	...	0		
19	29.99	...	...	44	...	53	...	N. W. 1	...	S. W. 1	0	0	0		
20	29.79	29.71	29.59	50	65	52	55.7	N. E. 1	N. E. 2	N'ly 2	7	9	8		
S 21	29.47	29.41	29.41	50	67	53	56.7	N'ly 2	N. W. 2	N. W. 1	8	6	4		21st and 22d. Pleasant.
22	29.51	...	29.60	52	...	56	...	S. W'ly	...	S'ly	0	...	3		
23	29.60	29.53	29.50	54	67	58	59.7	S. E. 3	S. E. 2	S'ly 2	Rain	6	1	0.40	23d. Fine shower in the morning.
24	29.44	29.41	29.49	54	65	53	57.3	N. W. 3	N. W. 4	N. W. 2	3	4	0		24th. Fine.
25	29.54	29.58	29.48	51	64	54	56.3	N. W. 2	N. W. 2	N. E. 1	0	5	10		25th and 26th. Pleasant.
26	29.78	29.83	29.85	52	66	53	57.0	N. E. 1	N. E. 1	N. E. 1	5	8	10		
27	29.81	29.79	29.75	50	51	46	49.0	S. E. 1	E.	N. E. 1	Rain	Rain	Rain		27th. Very moderate rain most of the day.
S 28	29.71	29.68	29.63	50	61	55	55.3	W'ly 1	W. 1	W. 1	10	10	0		28th and 29th. Cloudy.
29	29.61	29.56	29.53	51	58	50	53.0	N. 2	N. E. 1	N. E. 1	10	10	10		
30	29.50	29.46	29.46	50	68	50	56.0	N. E. 1	W. 1	N. E. 1	8	4	0		30th. Pleasant.
31	...	29.39	29.51	...	62	46	...	S. W.	N. W.	N. W.	Rain	10	0		31st. Variable.
Means	29.76	29.72	29.74	49.7	63.1	50.9	...	1.6	1.7	1.2	5.4	4.7	4.2	3.50	
								1.5			4.8				
REDUCED TO SEA LEVEL.															
Max.	30.32	30.33	30.31	60	75	63	64.7								
Min.	29.62	29.57	29.59	42	51	44	47.0								
Mean	29.94	29.89	29.92												
Range	0.70	0.76	0.72	18	24	19	17.7								
Mean of month		29.917		...	...	...	54.6								
Extreme range		0.76		...	...	...	33.0								

Prevailing winds from some point between—	Days.
N. & E.	11
E. & S.	5
S. & W.	5
W. & N.	10

	Days.
Clear	7
Variable, Cloudy	20
Rain fell on	4

June, 1843.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (DIRECTION AND FORCE.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (TENTHS CLOUDY.) At 6 A. M.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
1	...	...	...	44	...	45	...	N. W. 2	N. W. 2	N. W. 1	10	5	0		1st. Raw and cold.
2	29.93	29.89	29.86	41	62	48	50.3	N. W. 2	N. W. 2	S. W. 1	0	2	0		2d. Clear. At 6 A. M., thermometer 41°; at sunrise, probably as low as 38° or 39°. Frost in some places in the vicinity.
3	29.72	29.59	29.63	52	68	58	59.3	S. W. 2	S. W. 3	S. W. 2	10	7	0		
S 4	29.74	29.68	29.61	53	70	56	59.7	N. W. 2	E'ly 2	S'ly 1	2	0	Foggy		3d. Cloudy in the morning. Thunder, with copious shower in the afternoon.
5	29.55	29.51	29.55	58	72	53	61.0	S'ly 1	S. E'ly 2	N. E. 2	4	3	10		4th. Pleasant.
6	29.59	29.64	29.73	52	60	52	54.7	N'ly 1	N. E. 1	N. E. 2	10	10	8	0.25	5th. Thunder and sprinkling of rain in the afternoon, and wind came to N. E. from 3 to 4 P. M.
7	29.89	29.91	30.00	48	66	57	57.0	N. W. 2	N. W. 2	N. W. 2	0	0	5		6th. Showers in evening.
8	29.99	29.98	29.92	55	66	58	59.7	N. W. 1	S. W. 2	S. W. 1	0	10	Shower		7th. Fine.
9	29.64	29.60	29.65	57	67	53	59.0	S. W. 1	N. E. 1	N. W. 1	10	10	10		8th. Pleasant.
10	29.55	29.44	29.46	57	82	65	68.0	S. W. 2	S. W. 3	S. W. 1	0	0	2		9th. Thunder and lightning in the evening, with sprinkling of rain.
S 11	29.44	29.56	29.74	67	57	56	60.0	S. W. 3	N. E. 2	N. E. 1	5	Rain	Misty	0.80	10th. Appearances of rain, with lightning, in the afternoon and evening.
12	29.85	29.88	29.81	53	75	60	62.7	N. W. 2	N. W. 2	S. W. 1	0	0	0		11th. Heavy showers at intervals. From 9 to 10 A. M., wind changed from S. W. to N. E., passing to S. E., E., &c. Temperature suddenly fell, and rain from 10 to 11 P. M.
13	29.72	29.66	29.53	55	68	60	61.0	S. W. 3	S. W. 3	S. W. 2	0	2	0		
14	29.45	29.33	29.38	62	77	63	67.3	S. W. 2	W'ly 1	S. W. 1	10	2	0		
15	29.53	29.59	29.68	57	73	58	62.7	N. W. 2	W'ly 3	W'ly 1	0	0	0		
16	29.69	29.61	29.60	56	60	52	56.0	S. W. 2	S. W. 1	N'ly 1	5	Rain	0	0.82	12th and 13th. Fine.
17	29.71	29.79	29.79	52	63	58	57.7	N. W. 2	N. W. 1	N. W. 1	8	5	0		14th. Fine. Shower at sunset.
S 18	29.80	29.81	29.83	57	72	61	63.3	N. W. 2	N. W. 2	N. W. 2	0	0	0		15th. Fine.
19	29.95	29.96	30.01	56	74	62	64.0	N. W. 1	N. W. 1	N. W. 2	0	0	0		16th. Rain in the afternoon.
20	30.07	30.07	30.02	58	77	62	65.7	W'ly 1	S. W. 2	W'ly	0	0	0		17th. Cool, but pleasant.
21	30.02	29.98	29.91	62	77	64	67.7	S. W. 2	S. W. 2	S. W. 2	0	0	0		18th. Fine.
22	29.85	29.75	29.71	66	85	68	73.0	W. 2	S. W. 2	W. 1	0	8	0		19th. Very fine.
23	29.68	29.66	29.63	68	87	72	75.7	W. 1	W'ly 2	W'ly 2	0	0	3		20th and 21st. Fine.
24	29.62	29.52	29.48	68	87	73	76.0	W'ly 1	S. W. 3	S. W. 1	0	1	2		22d and 23d. Very clear and hot.
S 25	29.57	29.60	29.70	69	81	67	72.3	N. W. 2	N. W. 3	N. W. 1	5	5	1		24th. Very clear and hot. Fresh breeze in the afternoon.
26	29.72	29.79	29.78	62	77	65	68.0	S. E'ly 1	S. E'ly 2	S'ly 1	3	5	2		25th and 26th. Fine.
27	29.77	29.70	29.69	64	82	73	73.0	S'ly 2	S'ly 2	S'ly 2	3	1	0		27th. Very hot. Brisk breeze in the afternoon.
28	29.68	29.66	29.61	71	84	73	76.0	S. W. 1	S. W. 3	S. W. 2	0	5	Rain	0.25	28th. Very sultry and hot in the morning. Sprinkling of rain began at 8 P. M., and continued.
29	29.57	29.51	29.53	70	83	74	75.7	S. W. 1	S. W. 2	S. W. 1	8	Shower	5		29th. Occasional sprinkling in the morning. Fine shower from 1 to 2 P. M.
30	29.58	29.61	29.66	71	86	71	76.0	N. W. 2	N. W. 2	S'ly 1	0	3	0		30th. Very hot; burning sun.
Means	29.72	29.70	29.71	58.7	73.7	61.2	...	1.7	2.1	1.3	3.1	3.8	2.9	2.12	
								1.7			3.3				
REDUCED TO SEA LEVEL.															
Max.	30.25	30.25	30.20	71	87	74	76.0								
Min.	29.62	29.51	29.56	41	57	45	50.3								
Mean	29.90	29.87	29.89												
Range	0.63	0.74	0.64	30	30	29	25.7								
Mean of month			29.887	...	...	...	64.5								
Extreme range			0.74	...	...	...	46.0								

Prevailing winds from some point between—	Days.
N. & E.	3
E. & S.	4
S. & W.	13
W. & N.	10

	Days.
Clear	13
Variable, Cloudy	8
Rain fell on	9

July, 1843.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.69	29.68	29.70	71	85	75	77.0	S. W. 1	S'ly 2	S. E. 1	5	2	4		2d. Clear after 12 o'clock last night. Towards morning, clouds and lightning, and thunder at a distance. Afterwards it cleared off, without any rain, and remained clear till 5 P. M., when clouds appeared in the west, followed by a light shower. Cloudy till 10 P. M.
S 2	29.62	29.52	29.50	71	84	74	76.3	S. E. 2	S. E. 3	W'ly 1	7	3	10		
3	29.56	29.67	29.83	65	78	64	69.0	N. W. 2	N. W. 1	N. W. 1	6	0	0		
4	29.87	29.87	29.79	54	72	65	63.7	N. W. 1	W'ly 2	S. W. 3	0	2	6		
5	29.65	29.69	...	65	62	...	...	S. W. 2	W'ly 2	...	10	10, Shr.	...	0.28	3d and 4th. In general, fine.
6	29.76	29.71	29.72	55	75	63	64.3	N. W. 2	N. W. 2	N. W. 1	0	0	1		5th. Showery.
7	29.70	29.63	29.53	60	72	66	66.0	N. W. 1	S. W. 3	S. W. 2	2	10	4		6th. In general, fine.
8	29.60	29.58	29.60	62	81	66	69.7	W'ly 2	W'ly 3	W'ly	0	0	5		7th. Pleasant.
S 9	29.68	29.68	29.68	63	82	67	70.7	N. W. 2	W'ly 1	W'ly	0	1	1		8th. Fine. Light shower from 9 to 10 P. M.
10	29.57	29.62	29.58	64	79	66	69.7	W'ly 2	S. W. 4	S. W. 1	0	10	5		9th. Pleasant.
11	29.68	29.74	29.81	64	73	64	67.0	N'ly 2	E'ly 1	N. E. 1	6	10	6		10th. Sprinkling of rain at 6 P. M.
12	29.92	29.95	30.06	59	78	62	66.3	N. E'ly 1	N. E. 1	N. E. 1	4	3	0		11th. Clouds occasionally general and heavy, with sprinkling of rain.
13	30.10	30.10	30.09	57	75	64	65.3	N. E. 1	S'ly 1	S'ly 1	2	1	5		12th, 13th, and 14th. Pleasant.
14	30.06	29.98	29.91	62	77	63	67.3	S. W. 1	S'ly 3	S'ly 1	0	2	3		15th. Light shower from 3 to 4 A. M. Fine during the day.
15	29.83	29.79	29.79	62	79	63	68.0	S. E'ly	S. E. 2	E'ly 1	7	4	0		16th. Fine.
S 16	29.81	29.78	29.81	57	80	62	66.3	N. E. 1	N. E. 1	N. E. 1	10	2	5		17th. Cloudy, with appearances of rain. Sprinkling in the evening.
17	29.84	29.83	29.78	62	72	64	66.0	N. E'ly 1	S'ly	S. W'ly	6	10	Rain		18th. Cloudy in the morning. Very sultry in the afternoon, with a burning sun.
18	29.59	29.58	29.54	67	78	72	72.3	S. W. 2	S. W'ly 2	S. W. 0	10	6	0		19th to 22d. Fine.
19	29.54	29.55	29.58	70	83	70	74.3	N. W. 2	W'ly 2	N. E. 2	0	0	2		
20	29.64	29.68	29.72	59	74	58	63.7	N. W. 2	N. W'ly 3	N. W. 1	0	0	0		
21	29.73	29.73	29.74	55	79	65	66.3	N. W. 2	N. W. 3	N. W. 2	0	0	0		23d. Fine; fresh breeze. Very clear and burning sun.
22	29.75	29.74	29.74	60	76	68	68.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		24th. Gust of wind at 4 P. M., with appearances of rain. Showers in the vicinity, but none here.
S 23	29.73	29.67	29.64	68	89	73	76.7	N. W. 1	W'ly 2	S. W. 1	0	0	0		25th. Fine. Aurora—not very bright.
24	29.58	29.48	29.60	68	89	70	75.7	N. W. 2	N. W. 3	N. W. 2	2	1	6		26th and 27th. Fine.
25	29.72	29.74	29.86	56	77	64	65.7	N. W. 2	W'ly 3	N. W. 1	0	0	0		28th. Cloudy at sunrise, with appearances of rain. Light shower at 2 P. M.
26	29.89	29.84	29.75	63	80	71	71.3	N. W. 1	W'ly 2	N. W. 2	2	1	0		29th. Thunder, with sprinkling of rain. Fine showers a few miles to the south of us.
27	29.78	29.77	29.88	68	86	70	74.7	N. W. 1	S'ly 2	S. W. 1	0	0	0		30th. Began to rain moderately from 8 to 9 A. M. Rain increased, and continued heavy at intervals till 2 P. M. Rain again from 9 to 10 P. M.
28	29.88	...	29.64	67	...	71	...	S. W. 1	...	S. W. 3	7	10, Shr.	10	0.10	31st. Light rain during a part of the morning.
29	29.54	29.56	29.61	70	86	74	76.7	S. W. 2	S. W. 2	W'ly 1	9	10	0		
S 30	29.69	29.68	29.71	64	57	57	59.3	N. E. 2	N. E. 2	N. E. 2	10	Rain	Rain	1.45	
31	29.71	29.72	29.76	57	66	62	61.7	N. E. 1	W'ly 1	N. W. 1	Rain	10	10		
Means	29.73	29.72	29.73	62.7	77.5	66.5	...	1.6	2.1	1.2	3.7	3.9	3.4	1.83	
								1.6			3.7				
REDUCED TO SEA LEVEL.															
Max.	30.28	30.28	30.27	71	89	75	77.0								
Min.	29.72	29.66	29.68	54	57	57	59.3								
Mean	29.90	29.89	29.90												
Range	0.56	0.62	0.59	17	32	18	17.7								
Mean of month			29.897	...	...	...	68.9								
Extreme range			0.62	...	...	...	35.0								

Prevailing winds from some point between—	Days.
N. & E.	4
E. & S.	5
S. & W.	9
W. & N.	13

	Days.
Clear	14
Variable, Cloudy	8
Rain fell on	9

August, 1843.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (DIRECTION AND FORCE.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (TENTHS CLOUDY.) At 6 A. M.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
1	29.77	29.72	29.70	61	74	61	65.3	N'ly 2	N'ly 2	N'ly	10	8	5		1st. Pleasant, though cloudy. 2d, 3d, and 4th. Pleasant.
2	29.76	29.76	29.79	60	74	63	65.7	E'ly 1	S'ly 2	S'ly	7	6	3		
3	29.87	29.90	30.00	62	74	63	66.3	N'ly 1	N.W'ly 1	S'ly 1	10	4	0		
4	30.06	30.04	30.08	60	77	64	67.0	W'ly 1	S. E'ly 2	S'ly 1	4	1	0		
5	30.14	30.11	30.08	62	80	67	69.7	S'ly 1	S'ly 2	E'ly 1	0	9	10		5th. Fine in the morning. Cloudy in the afternoon. Rain during the night.
S 6	29.88	29.83	29.81	59	64	59	60.7	E'ly 3	N. E'ly 2	N. E. 2	Rain	Misty	Misty	1.33	6th. Light rain at intervals, and mist.
7	29.86	29.84	29.81	58	74	65	65.7	S'ly 1	S'ly 1	S'ly 1	10	5	10		8th. Fine shower at 4 P. M.
8	29.79	29.73	29.75	66	77	69	70.7	S'ly 1	S'ly 1	S'ly	10	10, Shr.	10	0.25	9th. Warm, and air very damp.
9	29.80	29.82	29.83	67	74	67	69.3	N. W. 1	S'ly 1	S. W'ly	Rain	Rain	8		
10	29.82	29.79	29.71	66	72	64	67.3	W'ly 2	S. W'ly 2	N. E. 1	10	10	Rain	} 20.5	10th. Occasional light showers. Heavy rain during the night.
11	29.59	29.56	29.59	63	67	64	64.7	N. E'ly 2	N. E. 2	N. W. 2	Rain	Rain	9		11th. Occasional showers.
12	29.61	29.62	29.68	66	79	67	70.7	N. E'ly 2	S. W'ly 3	N. W.	10	7	0		12th. Heavy clouds, but no rain.
S 13	29.71	29.70	29.70	67	80	68	71.7	N. W. 1	S. W'ly 3	S. W. 1	2	3	0		13th. Sun very hot. 14th. Very sultry.
14	29.70	29.64	29.58	68	80	70	72.7	S. W. 1	S. W. 3	S. W. 1	0	0	0		15th. Very hot sun. Light shower at sunrise.
15	29.62	29.61	29.70	72	80	69	73.7	W'ly 1	N. W. 2	N. W. 1	10	0	0		
16	29.72	29.72	29.77	62	75	67	68.0	N. W. 1	N. W. 1	S. W.	0	0	0		
17	29.78	29.77	29.77	62	80	68	70.0	S. W.	S. W.	S. W.	2	2	0		
18	29.78	29.76	29.79	66	80	78	74.7	S. W.	S. W.	S'ly	1	3	0		
19	29.80	29.80	29.79	72	81	74	75.7	S. W.	S'ly	S'ly	3	2	4		19th. At 6 P. M., a dead calm.
S 20	29.68	29.63	29.77	68	75	72	71.7	N. E.	N'ly	N'ly	10	10	10		20th. Light shower a little before sunrise, continuing, from time to time, till 10 A. M.
21	29.86	29.87	29.92	69	80	67	72.0	S. E.	S. E.	E'ly	10	6	10		21st. Light misty showers in the afternoon.
22	29.91	29.83	29.80	64	78	70	70.7	N. E.	S. E.	N. E.	10	7	10	2.00	22d. Showery.
23	29.75	29.74	29.74	70	79	72	73.7	S. E.	S. W.	S. W.	8	9	7		23d. Showers from noon to 4 P. M.
24	29.74	29.77	29.81	68	78	70	72.0	W'ly	N. W.	N. W.	9	7	0		
25	29.85	29.91	29.92	64	78	74	72.0	N. W.	N. E.	E'ly	0	3	0		25th and 26th. Pleasant.
26	29.98	29.89	29.87	66	77	68	70.3	S. W.	S. W.	S. W.	Foggy	4	0		
S 27	29.88	29.86	29.84	66	81	72	73.0	S. W.	S'ly	S. W.	0	3	0		27th. Very hot.
28	29.85	29.83	29.88	72	77	63	70.7	S. W.	S. W.	N. E.	5	Shower	10	0.60	28th. Heavy showers, with thunder, from 2 to 4 P. M.
29	29.98	...	...	62	...	64	...	N. E.	...	N. E.	10	...	0		30th. Very hot sun.
30	29.88	29.77	29.75	66	78	70	71.3	S. W. 2	S. W.	S. W.	10	3	0		31st. Very hot during the day. Thunder, with sprinkling of rain, in the evening, and cooler.
31	29.74	29.68	29.77	68	82	67	72.3	S. W. 1	S. W. 2	N. W. 3	0	0	0		
Means	29.81	29.78	29.80	65.2	76.8	67.6	...	1.3	1.8	1.4	6.8	5.7	4.1	6.23	
									1.5			5.5			
REDUCED TO SEA LEVEL.															
Max.	30.32	30.29	30.26	72	82	78	75.7								
Min.	29.77	29.74	29.76	58	64	59	60.7								
Mean	29.98	29.95	29.97												
Range	0.55	0.55	0.50	14	18	19	15.0								
Mean of month			29.967	...	...	...	69.9								
Extreme range			0.58	...	...	...	24.0								

Prevailing winds from some point between—	Days.
N. & E.	4
E. & S.	8
S. & W.	14
W. & N.	5

	Days.
Clear	9
Variable }	11
Cloudy }	
Rain fell on	11

September, 1843.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.93	29.92	29.92	63	65	60	62.7	N. E. 2	N. E. 1	N. E. 1	10	10	10		1st. Cool, with appearances of rain.
2	29.84	29.74	29.69	58	75	69	67.3	S'ly 1	S. W. 1	S. W. 1	10	3	1		2d. Warm.
S 3	29.69	29.56	29.63	70	83	71	74.7	S'ly 1	S. W. 2	S'ly	10	2	Foggy		3d. Very burning sun at mid-day.
4	29.56	29.47	29.56	70	83	74	75.7	W'ly 0	W'ly 1	W'ly 1	10	6	6		4th. Very sultry. Thunder, with appearances of rain, towards evening.
5	29.71	...	29.92	68	...	64	...	N. W. 3	...	N. E. 2	4	...	10		5th to 8th. Pleasant.
6	29.98	...	29.99	58	...	60	...	N. E. 2	...	N. E. 1	2	...	2		
7	29.98	29.99	29.95	58	70	60	62.7	N. E. 1	N. E. 2	N. E. 2	8	10	10		
8	29.87	...	29.68	60	...	58	...	N. E. 2	...	N. E. 2	10	...	0		
9	29.76	29.69	29.55	56	65	53	58.0	N. W. 2	N. W. 2	N. W.	0	0	0		9th to 12th. Very cool.
S 10	29.94	29.92	29.90	49	64	54	55.7	N. W. 1	N. W. 3	W'ly 1	6	8	5		
11	29.85	29.80	29.85	52	62	50	54.7	N. E. 1	N. E. 2	N. E. 1	9	1	7		
12	29.87	29.90	29.97	47	60	47	51.3	N. E. 2	N. E. 3	N. E. 1	10	2	0		
13	30.05	30.07	30.09	43	62	49	51.3	N'ly 1	N'ly 2	N. E. 1	0	0	0		13th. White frost this morning in many places in the vicinity.
14	30.11	30.12	30.11	42	66	54	54.0	N. E. 2	N. E. 2	N. E. 1	0	5	10		14th. Frost in the vicinity; none on the hill.
15	29.90	29.79	29.72	56	70	70	65.3	S. E. 2	S. E. 3	S. W'ly 1	Rain	Rain	4	0.40	15th. Moderate rain at intervals.
16	29.74	29.74	29.74	66	78	62	68.7	S'ly 1	S. E. 2	W'ly 1	8	2	0		16th. Very warm and sultry.
S 17	29.81	29.80	29.80	60	75	66	67.0	W'ly 1	S. W. 3	S. W. 3	0	0	0		17th. Very pleasant.
18	29.79	29.77	29.81	67	77	71	71.7	S. W. 1	S. W. 2	S. W. 1	9	0	0		18th. Very warm.
19	29.92	29.94	30.08	67	75	62	68.0	N'ly 1	N. E. 2	N. E. 1	0	0	0		19th and 20th. Pleasant.
20	30.16	30.14	30.05	56	71	61	62.7	N. E'ly 2	N. E. 2	N. E. 2	0	0	5		
21	29.85	29.68	29.52	61	76	75	70.7	S. W. 1	S. W. 3	S. W. 2	0	0	2		21st. Very sultry.
22	29.77	29.76	29.81	53	65	54	57.3	N. W. 2	N. W. 2	N. W. 1	0	0	0		22d and 23d. Very fine.
23	29.80	29.71	29.64	50	69	62	60.3	N. W. 1	S. W'ly 2	S. W.	0	0	0		
S 24	29.59	29.52	29.59	64	83	72	73.0	S. W'ly 2	W'ly 2	W'ly 1	0	0	0		24th. Very hot sun.
25	29.68	29.63	29.54	58	64	60	60.7	N. E. 2	N. E. 1	N. E. 1	10	10	Rain	1.80	25th. Heavy shower, with lightning, from 7 to 9 P. M.
26	29.51	29.56	29.65	60	61	49	56.7	N'ly 1	N'ly 1	N'ly 2	10	10	Rain		26th. Cool.
27	29.76	29.80	29.89	44	53	40	45.7	N.W'ly 2	N'ly 1	N. W. 0	2	4	0		27th. Cooler. Aurora considerably bright in the evening and through the night.
28	29.92	29.85	29.86	36	57	47	46.7	N. W. 1	N. W. 2	W'ly 1	0	5	2		28th. First appearances of white frost on the College green; only light.
29	29.90	29.80	29.84	41	63	51	51.7	N. W. 1	W'ly 1	S. W.	0	0	0		29th and 30th. Very fine.
30	29.90	29.87	29.85	46	64	51	53.7	W'ly 1	W'ly 1	W'ly	0	0	0		
Means	29.80	29.79	29.81	56.0	68.7	59.2	...	1.4	1.9	1.3	4.6	3.1	3.5	2.20	
									1.5			3.7			
REDUCED TO SEA LEVEL.															
Max.	30.34	30.32	30.29	70	83	75	68.7								
Min.	29.69	29.65	29.70	36	53	40	45.7								
Mean	29.98	29.96	29.99												
Range	0.65	0.67	0.59	34	30	35	23.0								
Mean of month			20.977	...	...	...	61.3								
Extreme range			0.69	...	...	...	47.0								

Prevailing winds from some point between—	Days.
N. & E.	12
E. & S.	2
S. & W.	8
W. & N.	8

	Days.
Clear	12
Variable }	15
Cloudy }	
Rain fell on	3

October, 1843.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
S 1	29.81	29.79	29.69	52	54	56	54.0	N. E. 1	S. E'ly 1	E'ly 2	Rain	Rain	Rain	1.25	1st. Moderate rain nearly all day. Wind light about E. S. E.
2	29.49	29.41	29.40	62	72	58	64.0	N. W. 1	N. W. 2	W'ly 0	Misty	0	0		2d. Very fine after 10 A. M.
3	29.34	29.27	29.30	52	65	51	56.0	W'ly 1	S. W. 2	S. W.	0	0	0		3d. Very fine.
4	29.35	29.36	29.56	47	55	46	49.3	S. W. 1	W'ly 3	N. W. 1	0	10	0		4th. Blustering at mid-day.
5	29.70	29.69	29.70	43	55	49	49.0	N. W. 3	N. W. 3	N. W. 1	0	0	2		5th. Fine.
6	29.73	29.65	29.66	49	62	56	55.7	N. W. 1	W'ly 1	W'ly 1	5	2	10		6th. Mild and pleasant.
7	29.74	29.73	29.78	51	54	50	51.7	N. E. 1	N. E. 1	N. E. 1	10	Rain	Rain	} 2.00	7th. Very moderate but steady rain in the afternoon.
S 8	29.69	29.52	29.41	50	58	62	56.7	E'ly 1	S. E. 5	S'ly 4	Rain	Rain	Misty		8th. Moderate rain in the morning; wind E'ly. Heavy wind S. E. in the afternoon, with rain increased. Wind began to lull at 8 P. M.
9	29.39	29.44	29.43	46	60	44	50.0	N. W. 2	N. W. 1	N. W. 2	2	8	0		9th and 10th. Fine.
10	29.40	29.39	...	42	59	46	49.0	N. W. 1	N. W. 2	N. W. 1	8	5	0		11th. Very fine.
11	29.59	29.60	29.70	44	61	48	51.0	N. W. 1	N. W. 2	N. W. 0	0	0	0		12th. Very fine through the day. Heavy mist, approaching to rain in the evening.
12	29.73	29.69	29.68	42	60	54	52.0	N. W. 1	N. E. 2	S. E'ly 1	0	0	Misty		13th, 14th, and 15th. Fine.
13	29.65	29.63	29.62	46	59	46	50.3	N. W. 1	N. W. 1	N. W. 0	2	0	0		
14	29.70	29.69	29.95	39	52	40	43.7	N. W. 2	N. W. 2	N. W. 2	4	10	0		
S 15	30.02	29.99	29.95	35	53	48	45.3	N. W. 1	S. W. 3	S. W. 0	8	10	10		
16	29.78	29.68	29.61	50	59	52	53.7	S. E. 1	S. W.	S. W. 1	Rain	5	10	1.15	16th. Very heavy rain at 5 A. M., and after.
17	29.65	29.51	29.61	42	52	41	45.0	N. W. 1	N. W. 2	N. W. 2	0	7	0		17th. Pleasant.
18	29.69	29.62	29.62	38	55	49	47.3	N. W. 1	N. W. 2	S. W. 1	0	0	8		18th. Mild and pleasant.
19	29.49	29.69	29.94	49	52	41	47.3	S. W. 2	N. W. 3	N. W. 2	Rain	0	0	0.35	19th. Fine after 10 A. M.
20	30.05	29.88	29.78	36	58	56	50.0	N. W. 1	S. W. 4	S. W. 3	0	0	0		20th and 21st. Fine.
21	29.63	29.52	29.55	55	67	58	60.0	S. W. 2	S. W. 4	S. W. 1	0	0	5		22d. Very mild. Wind changed from S. W. to N. E. late in the afternoon.
S 22	29.54	29.48	29.58	57	69	43	56.3	S. W. 1	S. W. 3	N. E. 3	10	3	10		23d. Cool.
23	29.52	29.52	29.72	41	43	37	40.3	N. E. 1	N. W. 2	N. W. 2	Rain	8	0		24th. Pleasant.
24	29.84	29.79	29.82	34	52	39	41.7	N. W. 0	N. W. 1	N. W. 0	0	0	0		25th. Sprinkling of rain from 1 to 2 P. M. Clear evening.
25	29.80	29.71	29.75	42	53	49	48.0	S'ly 1	S. W. 1	S. W. 1	10	Rain	0		26th. Pleasant.
26	29.83	29.79	29.78	44	45	42	43.7	S. W. 1	N'ly 2	N. E. 1	10	10	10		27th. Rain in the morning, wind N. E. Rain again in the evening, wind S'ly, and warm.
27	29.60	29.49	29.38	42	52	55	49.7	N. E. 2	E'ly	S'ly 1	Rain	Misty	Rain	1.70	28th. Clear in the evening.
28	29.69	29.78	29.88	42	45	39	42.0	N. W. 1	N. W. 1	N. W. 2	10	10	0		29th. Cloudy during the day. Clear and pleasant in the evening.
S 29	29.88	29.84	29.89	38	46	40	41.3	N. W. 1	N. W. 1	N. W. 1	Misty	10	0		31st. Very pleasant.
30	29.94	29.89	29.88	38	56	47	47.0	N. W. 1	S. E'ly 2	S. W'ly 1	0	10	0		
31	29.99	30.00	30.14	32	43	32	35.7	N. W. 2	N. W. 2	N. W. 1	0	0	0		
Means	29.69	29.64	29.69	44.4	55.7	47.6	...	1.2	2.1	1.3	5.1	5.1	3.7	6.45	
									1.5			4.6			
REDUCED TO SEA LEVEL.															
Max.	30.23	30.18	30.32	62	72	62	64.0								
Min.	29.52	29.45	29.48	32	43	32	35.7								
Mean	29.87	29.81	29.87												
Range	0.71	0.73	0.84	30	29	30	28.3								
Mean of month			29.850	...	...	...	49.2								
Extreme range			0.87	...	...	...	40.0								

Prevailing winds from some point between—	Days.
N. & E.	5
E. & S.	2
S. & W.	8
W. & N.	16

	Days.
Clear	10
Variable, Cloudy	15
Rain fell on	6

November, 1843.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.26	30.21	30.13	26	44	39	36.3	N. W. 1	N. W. 1	N. E. 1	0	7	10		1st. Variable.
2	29.63	29.47	29.59	50	52	41	47.7	S. E. 2	N. W. 2	N. W. 0	Rain	2	0	0.90	2d. Rain in the morning. Cleared from noon to 1 P. M.
3	29.65	29.67	29.80	38	45	34	39.0	W'ly 3	N. W. 3	N. W. 2	0	0	0		3d and 4th. Pleasant.
4	29.90	29.85	29.93	28	38	27	31.0	N. W. 1	N. W. 1	N. W. 2	0	0	0		5th and 6th. Cool, but very fine.
S 5	29.95	29.92	29.94	26	34	28	29.3	N. W. 2	N. W. 2	N. W. 2	1	0	0		7th. Cloudy in the afternoon. Gentle snow in the evening.
6	30.01	29.95	29.96	24	39	30	31.0	N. W. 2	N. E. 2	N'ly 0	0	0	0		8th. Ground covered lightly with snow in the morning. Raw day. Clear and pleasant in the evening.
7	29.82	29.70	29.65	26	40	32	32.7	N. W. 1	S. W'ly 2	S W'ly 1	0	10	Snow		9th. Fine.
8	29.61	29.61	29.77	26	36	30	30.7	N. W. 1	N. W. 1	N. W. 1	0	10	0		10th. Some rain and hail in the morning. Misty in the afternoon.
9	29.91	29.90	29.91	26	40	35	33.7	N. W. 1	N. W.	W'ly	0	2	5		11th. Foggy in the morning. Moderate rain in the afternoon.
10	29.82	29.74	29.74	32	40	37	36.3	N. E. 1	N. E. 1	N. E. 1	10	Misty	Misty		12th. Very blustering.
11	29.69	29.46	29.22	36	40	37	37.7	W'ly 1	N. E. 1	N. E. 1	Foggy	Rain	Rain		13th. Rather raw.
12	29.55	29.65	29.86	36	35	29	33.3	W'ly 2	W'ly 4	N. W. 1	0	5	0		14th. Evening very clear.
S 13	29.87	29.83	29.81	24	37	32	31.0	W'ly 1	W'ly 1	S. W. 1	0	10	Snow		15th. Appearances of rain in the evening.
14	29.93	30.04	30.16	28	34	28	30.0	N. W. 1	N. W. 1	N. W. 1	3	10	0		16th. Misty, with occasional light rain.
15	30.24	30.21	30.18	23	41	41	35.0	N. W. 1	S. W. 1	E'ly 2	0	10	10		17th. Appearances of an easterly storm at night.
16	30.05	29.96	29.98	44	51	49	48.0	S'ly 1	S'ly 1	S'ly	Rain	Misty	Misty	0.15	18th. Very pleasant.
17	30.05	30.02	29.94	45	53	47	48.3	W'ly 1	W'ly 1	E'ly 1	Foggy	2	10		19th. Very fine.
18	...	29.65	29.68	...	63	49	...	...	W'ly 1	W'ly	0	0	0		
S 19	29.78	...	29.85	41	...	40	...	N. W. 1	...	S. W'ly	0	...	10		20th. Fine.
20	29.96	29.96	30.00	40	46	37	41.0	N. W. 1	N. W. 1	N. W. 0	0	0	0		21st. Rain and blustering.
21	29.76	29.39	29.36	42	48	43	44.3	S. E. 2	S. E. 1	W'ly	10	Rain	0	0.30	22d. Squall of snow, and gusty from 10 to 11 A. M.
22	29.40	29.39	29.59	38	42	40	40.0	N. W. 2	N. W. 3	N. W. 2	0	3	2		23d and 24th. Variable, but mild.
23	29.74	29.70	29.73	33	48	43	41.3	N. W. 1	N. W. 2	W'ly 1	0	10	10		
24	29.59	29.51	29.63	48	58	50	52.0	S'ly 1	S'ly 1	S'ly 0	Rain	Misty	Foggy		
25	29.74	29.78	29.91	40	45	34	39.7	N. W. 1	N. W. 2	N. W. 1	0	0	0		25th, 26th, and 27th. Fine.
S 26	29.91	29.76	29.59	32	45	40	39.0	N. W. 2	N. W. 1	W'ly 1	0	0	10		28th. Pleasant.
27	29.81	29.81	29.90	22	30	24	25.3	N. W. 1	N. W. 2	N. W. 2	0	0	0		29th. Light snow in the evening.
28	29.88	29.80	29.74	23	40	34	32.3	N. W. 1	N. W. 2	S. W. 1	0	0	2		30th. Pleasant for the most part.
29	29.64	...	...	30	65	26	40.3	N. W. 2	...	...	0	...	...		
30	29.89	...	...	26	...	...	...	...	N. E.	...	10	...	...		
Means	29.83	29.78	29.80	32.9	43.9	36.4	...	1.3	1.5	1.1	2.8	4.9	4.6	1.35	
									1.3			4.1			
REDUCED TO SEA LEVEL.															
Max.	30.44	30.39	30.36	50	65	50	52.0								
Min.	29.58	29.57	29.40	22	30	24	25.3								
Mean	30.01	29.96	29.98												
Range	0.86	0.82	0.96	28	35	26	26.7								
Mean of month			29.983	...	...	...	37.7								
Extreme range			1.04	...	...	...	43.0								

Prevailing winds from some point between—	Days.
N. & E.	4
E. & S.	2
S. & W.	6
W. & N.	18

	Days.
Clear	12
Variable, Cloudy	11
Rain fell on	7

December, 1843.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	30.10	...	...	20	...	...	...	N. W. 1	...	...	10	...	...		1st. Light snow from 10 A. M. till night.
2	29.71	...	...	28	...	26	...	N'ly 1	...	N. W.	10	...	0		2d. Pleasant for the most part.
S 3	29.87	29.88	29.94	20	38	28	28.7	N. W. 1	S. W. 1	N. W. 1	0	0	0		3d. Very pleasant.
4	29.91	29.81	29.66	26	39	40	35.0	N. W. 1	S. W. 2	S. W. 3	0	2	8		4th. Pleasant.
5	29.61	29.60	29.84	36	41	25	34.0	S. W. 1	N. W. 2	N. W. 4	0	3	10		5th. Cold and blustering in the evening.
6	30.08	30.06	30.02	16	31	29	25.3	N. W. 1	S'ly 1	S'ly	0	2	10		6th. Cold, but not unpleasant.
7	29.80	29.48	29.20	31	30	28	29.7	E'ly 1	N. E. 2	N. E'ly 2	Snow	Snow	Snow	1.00	7th. Steady snow all day; rather moist in the afternoon. Seven or eight inches of moist snow.
8	29.61	29.62	29.63	26	36	33	31.7	N. W. 2	N. W. 2	N. W. 1	0	0	0		8th. Very fine.
9	29.51	29.43	29.44	30	37	30	32.3	S. W. 1	S. W. 1	N. W. 1	Snow	Snow	5		9th. Small amount of light snow in the morning
S 10	29.61	29.65	29.89	30	35	24	29.7	N. W. 2	N. W. 2	N. W. 1	2	0	0		10th. Fine.
11	29.66	29.64	29.66	28	42	34	34.7	S. W. 2	S. W. 2	S. W. 1	6	3	9		11th. Mild.
12	29.61	29.60	29.79	30	36	22	29.3	W. 1	W'ly 1	N. W. 3	7	3	0		12th. Wind came to N. W., with blustering.
13	30.17	30.27	30.39	9	21	13	14.3	N. W. 2	N. W. 2	N. W. 2	0	0	0		13th. Cold, but not unpleasant.
14	30.37	30.21	30.22	15	34	35	28.0	S. W. 2	S. W. 2	S. W. 2	0	0	10		14th. Mild. Cloudy in the evening.
15	30.21	30.14	30.21	33	44	36	37.7	S. W. 1	S. W. 1	S. W.	9	0	10		15th. Mild.
16	30.20	30.04	29.98	35	38	33	35.3	S. W. 1	E'ly 1	N. E. 3	Snow	Misty	Misty	} 0.33	16th. Snow, light rain, and mist.
S 17	29.80	29.73	29.80	32	28	24	28.0	N. E. 2	N'ly 2	N'ly 2	Rain	Misty	Misty		17th. Rain and mist. Ground and trees covered with sleet.
18	29.90	29.90	29.90	26	30	28	28.0	N. W. 1	N. W.	N. W.	10	Misty	10		18th. Light snow in the afternoon.
19	29.97	30.00	29.98	24	33	28	28.3	N. W. 1	N. W.	N. W. 1	0	10	10		19th, 20th, and 21st. Mild.
20	29.88	29.82	29.85	32	38	34	34.7	N. W. 1	W'ly 1	W'ly	0	2	10		
21	30.00	29.97	29.92	31	41	34	35.1	N. W. 1	N. W.	N. W. 1	0	5	7		
22	...	29.69	29.67	34	41	36	37.0	W'ly	W'ly 1	W'ly	10	10	10		22d. Sprinkling of rain in the afternoon.
23	29.79	29.83	29.83	36	37	30	34.3	N. E. 2	N. E. 2	N. E. 0	10	10	Snow	0.20	23d. Mild.
S 24	29.79	29.74	29.72	31	40	35	35.3	N. E. 1	N'ly 1	W'ly	10	5	10		24th. Two and a half or three inches of light snow.
25	29.79	...	...	32	...	38	...	N. W. 1	...	W'ly 1	0	...	10		25th. Very mild.
26	29.98	29.98	29.91	33	39	34	35.3	N. E'ly 1	N. E'ly 2	E'ly 2	10	10	10	} 1.50	26th. Occasional appearances of snow in the air. Snow during the night.
27	29.60	29.56	29.65	33	32	32	32.3	N. E. 2	N'ly 3	N'ly	Snow	10	10		27th. Seven or eight inches of damp snow on the ground.
28	29.60	29.59	29.49	34	41	32	35.7	N'ly	N'ly	N. E.	10	10	5		28th. Very mild.
29	29.48	29.34	29.36	31	35	23	29.7	N. W. 2	N. W. 4	N. W. 3	3	2	2		29th. Blustering and cold in the evening.
30	29.29	29.25	29.29	18	25	22	21.7	N. W. 2	N. W. 3	N. W. 3	0	0	5		30th. Blustering and severe.
S 31	29.37	29.41	29.61	24	33	27	28.0	N. W. 2	N. W. 3	N. W. 2	0	3	4		31st. More moderate.
Means	29.81	29.76	29.78	27.9	35.5	29.8	...	1.4	1.8	1.9	5.1	5.0	6.8	3.03	
								1.7			5.8				
REDUCED TO SEA LEVEL.															
Max.	30.55	30.45	30.57	36	44	40	37.7								
Min.	29.47	29.43	29.38	9	21	13	14.3								
Mean	29.99	29.94	29.96												
Range	1.08	1.02	1.19	27	23	27	23.4								
Mean of month			29.963	...	...	...	31.1								
Extreme range			1.19	...	...	...	35.0								

Prevailing winds from some point between—	Days.
N. & E.	7
E. & S.	1
S. & W.	8
W. & N.	15

	Days.
Clear	6
Variable, Cloudy	17
Rain or snow fell on	8

January, 1844.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.72	...	29.80	26	...	28	...	N. W. 1	...	N. W.	0	...	0		1st. Generally clear and pleasant.
2	29.87	29.85	29.83	23	39	27	29.7	N. W. 2	N. W. 1	S. W. 1	0	4	8		2d. Very mild.
3	29.78	29.50	29.14	30	37	36	34.3	N. E. 1	S. E'ly 1	E'ly 1	Snow	Rain	Foggy	1.00	3d. Rain and snow till near sundown.
4	29.40	29.34	29.29	32	...	32	...	N. W. 2	...	N. E.	2	...	10		4th. Pleasant.
5	29.55	29.60	29.75	17	18	14	16.3	N. N. W. 2	N. W. 3	N. W. 1	10	0	0		5th. Very severe out.
6	29.89	29.91	29.95	14	25	18	19.0	N. W. 1	N. W. 2	N. W. 1	0	0	0		6th. Fine.
S 7	29.82	29.60	29.47	22	40	36	32.7	S. W. 1	S. W. 1	S. W. 1	10	10	3		7th. Cloudy, with occasional appearances of snow. Flurry of snow during the night.
8	29.66	29.74	29.93	23	23	11	19.0	N. W. 2	N. W. 3	N. W. 1	0	0	0		8th. Cold and severe.
9	30.03	29.94	29.76	5	16	10	10.3	N. W. 0	N. W. 0	N. E. 2	0	10	Snow	0.62	9th. Air charged with fine snow in the afternoon; began to fall pretty fast at 8 P. M.
10	29.68	29.55	29.75	14	32	22	22.7	N'ly 2	W'ly 2	N. W. 1	10	0	0		10th. Four or five inches of compact snow fell during the night of the 9th. Day pleasant.
11	30.14	30.14	30.22	9	17	6	10.7	N. W. 3	N. W. 2	N. W. 1	0	0	0		11th. Cold, but not severe.
12	30.09	29.89	29.60	5	31	34	23.3	S. W'ly 1	S. W. 1	S. E'ly	2	4	Misty		12th. Fine.
13	28.97	28.86	29.38	41	40	30	37.0	S. W. 3	W'ly 3	N. W. 4	10	5	0		13th. Very blustering. Occasional dashes of rain in the morning. Wind high and blustering in the evening.
S 14	29.81	29.87	29.95	22	26	18	22.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		14th. Pleasant.
15	30.09	30.06	30.07	14	27	28	23.0	N. W. 1	N. W. 1	N. E'ly	0	0	5		15th. Mild and pleasant.
16	29.88	29.66	29.39	30	39	38	35.7	E'ly 2	E'ly 2	E'ly 2	Snow	Rain	Rain	} 2.50	16th. Moderate rain at intervals.
17	29.40	28.93	29.14	36	46	34	38.7	N. E'ly 1	E'ly 2	S. W. 5	Fog, r'n	Rain	3		17th. Steady rain for the most part during the day. Wind passing from N. E. to E., S. E., S., and S. W., with increasing violence. Barometer fell rapidly; at 7 P. M., it stood at 28.85, and commenced rising very soon.
18	29.31	29.46	29.64	30	33	27	30.0	S. W'ly 3	S. W'ly 2	N. W.	4	2	0		18th. Pleasant. Ground more than half bare.
19	29.73	29.84	29.94	25	24	14	21.0	N. W. 2	N. W. 3	N. W. 1	0	0	0		19th. Pleasant.
20	30.02	30.04	30.08	5	14	6	8.3	N. W. 2	N. W. 3	N. W. 1	0	0	0		20th. Severe cold, wind being brisk.
S 21	30.03	29.96	29.92	3	15	14	10.7	N. W. 1	N. W. 1	N. W. 0	0	2	0		21st. Cold.
22	29.96	29.98	30.06	12	22	16	16.7	N. W. 1	N. W. 1	N. W. 0	10, Sn.	0	0		22d. Flurry of snow from 7 to 9 A. M.
23	29.84	...	29.40	22	...	40	...	E'ly 1	...	S. W. 1	Snow	...	10	0.20	23d. Light snow at sunrise. Wind changed gradually from E. to S. E. and S. W., and snow changed to moderate rain.
24	29.44	29.43	29.43	30	41	32	34.3	S. W. 0	S. W. 1	S. W. 2	0	0	8		24th. Mild and pleasant as spring. Ground nearly all bare.
25	29.45	29.40	29.46	22	18	7	15.7	N. W. 2	N. W. 3	N. W. 3	6	3	0		25th. Grew cold all day.
26	29.58	29.57	29.73	—1	6	2	2.3	N. W. 2	N. W. 1	N. W. 1	0	0	0		26th and 27th. Very cold, but not very severe to be out.
27	29.81	29.80	29.93	2	10	4	5.3	N. W. 2	N. W. 2	N. W. 1	5	0	0		28th. Air raw in the afternoon and evening. General haze, with a very bright and distinct halo round the moon.
S 28	30.04	30.00	29.99	2	15	9	8.7	N. W. 1	N'ly 1	N. E. 1	0	3	Hazy		29th and 30th. Very severe out.
29	29.85	29.80	29.80	4	8	1	4.3	N. W. 3	N. W. 3	N. W. 2	0	0	0		31st. Wind very cutting and severe; rather the most severe of the last six days to be out.
30	29.73	29.63	29.62	1	19	10	10.0	N. W. 2	N. W. 2	W'ly 1	4	10	9		
31	29.76	29.79	29.93	3	7	5	5.0	N. W. 3	N. W. 3	N. W. 0	0	0	0		
Means	29.75	29.62	29.72	16.9	24.5	19.7	...	1.7	1.9	1.4	3.6	2.9	3.4	4.32	
								1.7			3.3				
REDUCED TO SEA LEVEL.															
Max.	30.32	30.32	30.40	41	46	38	38.7								
Min.	29.49	29.52	29.32	—1	6	1	2.3								
Mean	29.93	29.80	29.90												
Range	0.83	0.80	1.08	42	40	37	36.4								
Mean of month			29.877	...	...	...	20.4								
Extreme range			1.08	...	...	...	45.0								

Prevailing winds from some point between—	Days.
N. & E.	1
E. & S.	3
S. & W.	6
W. & N.	21

	Days.
Clear	14
Variable, Cloudy	9
Rain or snow fell on	8

February, 1844.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.09	30.07	30.01	10	27	24	20.3	N. W. 0	N. W. 1	S. W. 1	0	0	8		1st. Thick haze in the evening. Halo around the moon; moon wading in snow.
2	29.91	29.91	29.96	28	34	29	30.3	E'ly 1	E'ly 1	N. E.	Snow	Snow	10	0.30	2d. Fine snow during nearly the whole day—about three inches deep.
3	29.94	29.92	29.98	27	31	24	27.3	N'ly	N. W. 2	N. W. 0	10	10	0		3d. Mild, cloudy day, and very clear and mild in the evening.
S 4	29.97	29.93	29.94	18	27	22	22.3	N. W. 2	N. W. 2	N. E. 1	0	0	3		4th. Mild and pleasant.
5	29.91	29.85	29.85	24	32	32	29.3	N'ly 1	N'ly 2	N'ly 1	10	Snow	Misty	} 0.25	5th. But little accumulation of snow during the day. About two inches of moist snow and some sleet during the night.
6	29.72	29.65	29.63	29	36	32	32.3	N. E. 1	N. E. 1	N'ly	Misty	Misty	10		6th. Misty all day.
7	29.66	29.62	29.56	24	40	32	32.0	W'ly 1	W'ly	N. W.	0	0	0		7th. Very mild and pleasant.
8	29.46	29.27	29.40	27	34	24	28.3	N. E'ly 1	N. E. 2	N. W. 1	10	Snow	0		8th. Flurry of snow occasionally.
9	29.50	29.47	29.57	20	30	11	20.3	N. W. 2	N. W. 2	N. W. 2	0	5	0		9th. Grew cold fast in the evening.
10	29.72	29.70	29.78	7	20	18	15.0	N. W. 2	N. W. 2	W'ly 1	0	0	0		10th to 14th. Pleasant.
S 11	29.94	29.96	29.97	10	25	20	18.3	N. W. 1	N. W. 2	W'ly 2	0	0	0		
12	30.07	30.11	30.22	10	33	20	21.0	N. W. 2	N. W. 2	N. W. 1	2	0	0		
13	30.13	30.01	29.88	16	38	34	29.3	N. W. 1	S. W. 2	S. W. 1	0	10	0		
14	29.81	29.81	29.94	29	36	24	29.7	W'ly 1	W'ly 2	N. W. 2	0	2	0		
15	30.01	29.99	29.79	16	37	31	28.0	N. W. 1	S. W. 1	S. E. 1	0	8	10		15th. Pleasant. About three inches of snow fell during the night.
16	29.50	29.58	29.55	31	40	30	33.7	N. W. 1	W'ly 1	N. W. 2	10	0	0	0.40	16th to 21st. Pleasant.
17	29.62	29.61	29.70	26	39	28	31.0	W'ly 1	W'ly 1	W'ly 1	5	6	0		
S 18	29·84	29.87	30.00	13	17	14	14.7	N. W. 1	N. W. 3	N. W. 2	0	0	0		
19	29.95	29.90	29.94	18	41	31	30.0	S. W. 1	S. W. 1	S. W. 1	2	4	0		
20	29.90	29.79	29.79	27	47	40	38.0	S. W. 1	S. W. 1	S. W. 1	0	0	0		
21	29.69	29.60	29.65	34	49	34	39.0	S. W. 1	S. W. 1	N. E. 2	0	0	10		
22	29.60	29.54	29.64	34	45	37	38.7	W'ly 2	W'ly 2	S. W. 1	2	0	0		22d and 23d. Very fine.
23	29.67	...	...	30	...	33	...	N. W. 1	...	N. E. 3	2	...	10		24th. Very raw and unpleasant.
24	29.74	29.80	29.90	28	22	16	22.0	E'ly 3	N. E. 3	N'ly 1	10	4	0		25th. Pleasant.
S 25	30.03	30.06	30.09	16	29	25	23.3	N. 2	N. 1	N. W. 1	0	0	0		26th. Very pleasant.
26	30.11	30.03	29.96	20	39	30	29.7	W'ly 0	S. E. 2	S'ly 0	0	0	0		27th. Sprinkling of rain occasionally. Commenced snowing in the evening, and continued during the night.
27	29.77	29.66	29.70	32	38	30	33.3	S. W. 1	S. W. 1	S. W. 1	10	10	Snow	} 1.00	28th. Very driving snow-storm, continued till past noon. Clear in the evening.
28	29.70	29.84	30.06	32	34	30	32.0	N. E. 4	N'ly 3	N. W. 2	Snow	Snow	0		29th. Mild.
29	30.02	30.00	29.95	28	41	35	34.7	N. W. 2	S. W. 1	S. E'ly 1	0	10	10		
Means	29.83	29.80	29.84	22.9	34.6	27.2	...	1.3	1.6	1.3	3.5	4.3	3 1	1.95	
								1.4			3.6				
REDUCED TO SEA LEVEL.															
Max.	30.31	30.29	30.40	34	49	37	39.0								
Min.	29.64	29.45	29.58	7	17	11	14.7								
Mean	30.01	29.98	30.02												
Range	0.67	0.84	0.82	27	32	26	24.3								

Prevailing winds from some point between—	Days.
N. & E.	6
E. & S.	1
S. & W.	9
W. & N.	13

	Days.
Clear	11
Variable / Cloudy	15
Rain or snow fell on	6

Mean of month	30.003	... ... 28.2
Extreme range	0.95	... ... 42.0

March, 1844.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.90	29.87	29.80	37	49	37	41.0	S. W. 1	S. W. 0	S. W. 1	8	10	8		1st, 2d, and 3d. Mild.
2	29.69	29.59	29.55	38	45	39	40.7	S. W. 1	S. W. 1	S. W. 1	10	10	10		4th. Damp snow from N. E. and N., with driving wind, from about 5 A. M. till 3 P. M. Snow about three or four inches deep. Clear and blustering in the evening.
S 3	29.70	29.70	29.65	38	49	36	41.0	S. W. 1	S. W. 1	S. W'ly 1	10	8	Foggy		5th. Blustering.
4	29.43	29.52	29.83	32	33	21	28.3	N. E. 2	N. 3	N. W. 3	Snow	Snow	0	0.75	6th. Pleasant.
5	30.03	30.05	30.10	12	24	20	18.7	N. W. 2	N. W. 2	N. W. 1	0	0	0		7th. Very pleasant.
6	30.17	30.15	30.22	23	40	32	31.7	N. W. 1	N. W. 2	N. W. 1	0	0	2		8th and 9th. Mild.
7	30.24	30.26	30.24	24	44	34	34.0	S'ly 2	S'ly 2	S. W. 1	0	0	0		10th. Very pleasant.
8	30.14	29.99	29.77	32	43	46	40.3	S. W. 1	S. W. 1	S'ly 3	0	Misty	Rain	0.25	11th. Very fine.
9	...	...	29.54	45	46	39	43.3	S. W. 1	W'ly 1	N. W. 1	10	10	6		12th. Air raw.
S 10	29.71	29.74	29.83	33	41	35	36.3	N. 2	N. E. 2	N'ly 1	6	0	0		13th. Rain in the afternoon, and until 9½ in the evening.
11	30.00	29.99	30.09	32	50	38	40.0	N. W. 1	N. W. 1	N. W. 1	0	0	0		14th. Pleasant.
12	30.16	30.17	30.10	35	47	38	40.0	S. E. 1	S. E. 3	S. E'ly 2	5	8	10		15th. Appearances of storm. Began to snow and hail moderately between 9 and 10 P. M.
13	29.90	29.76	29.66	42	46	44	44.0	S. E. 3	S. E. 3	S. E. 2	10	Rain	Rain	0.75	16th. Very moderate rain during the greater part of the day and evening.
14	29.69	29.70	29.86	42	50	40	44.0	N. W. 2	N. W. 2	N.E. 1	5	0	10		17th. Moderate rain at sunrise. Snow from 9 A. M. to noon. Barometer began to rise from 9 to 10 A. M.; lowest 29.18. Cleared from 1 to 2 P. M.
15	29.96	29.97	29.90	32	37	32	33.7	N. E. 2	N. E. 2	N. E. 2	10	10	Hail	} 2.00	18th. Pleasant in the morning. Cloudy towards night. Flurry of snow from 6 to 7 P. M. Wind very brisk at S. W.
16	29.71	29.46	29.28	34	35	34	34.3	N. E. 2	N. E. 2	N. E. 2	Rain	Rain	Rain		19th. Very raw, cold, searching wind.
S 17	29.15	29.21	29.42	34	40	37	37.0	N'ly 1	N. W. 1	N. W. 1	Rain	0	3		20th. Wind brisk and damp. Sprinkling of rain in the afternoon.
18	29.36	29.43	29.53	39	44	34	39.0	S. W. 2	S. W. 4	W'ly 3	0	2	10		21st. Snowed moderately in the afternoon and evening, without much accumulation.
19	29.66	29.80	29.94	22	31	27	26.7	W. 3	W'ly 3	W'ly 1	5	0	0		22d. Fine snow and mist till from 4 to 5 P. M. Sun came out from 5 to 6 P. M.
20	29.85	29.82	29.56	34	47	44	41.7	S. W. 2	S. W. 3	S. W. 2	2	10	10		23d. Wind cold and raw.
21	29.60	29.60	29.54	36	33	30	33.0	N. 2	N. E'ly 2	N. E. 3	10	Snow	Snow	} 0.50	24th, 25th, and 26th. Very pleasant.
22	29.46	29.36	29.48	26	32	32	30.0	N. E. 2	N'ly 2	N. W. 1	Sleet	Snow	5		27th. Air very raw.
23	29.57	29.57	29.60	26	31	28	28.3	N'ly 1	N. E. 2	N. W. 2	10	10	0		28th. Mist through the day. Shower in the evening.
S 24	29.73	29.73	29.73	23	40	36	33.0	N. W. 1	N. W. 2	N. W. 1	0	0	2		30th. It snowed or hailed in the morning. Towards evening, it snowed a small sprinkle.
25	29.60	29.50	29.85	40	53	40	44.3	S. W. 1	S. W. 2	W'ly 2	5	0	0		31st. Snowed and hailed last night two or three inches, and lightened and thundered. Cleared off to-day about 10 A. M.
26	29.89	29.79	29.81	35	57	46	46.0	S. W. 1	S. W. 1	N. W. 1	3	5	6		
27	29.95	30.06	30.11	41	40	31	37.3	N. E. 2	N. E. 3	N. E. 3	10	10	10		
28	29.91	...	29.61	32	...	36	...	N. E. 2	...	W'ly 1	10	...	10		
29	29.65	29.76	29.98	37	50	40	42.3	E'ly 1	N'ly	N. E.	0	10	10		
30	29.77	29.65	29.72	34	36	26	32.0	N. E.	N. E.	N. E.	Sleet	10	10	0.50	
S 31	29.91	30.09	30.25	22	36	28	28.7	N'ly 2	N. E'ly	N. E. 3	10	0	0		
Means	29.78	29.77	29.79	32.6	41.6	34.8	...	1.6	1.9	1.7	6.1	5.8	6.0	4.75	
								1.7			6.0				
REDUCED TO SEA LEVEL.															
Max.	30.42	30.44	30.42	45	57	46	46.0								
Min.	29.33	29.39	29.46	12	24	20	18.7								
Mean	29.96	29.95	29.97												
Range	1.09	1.05	0.96	33	33	26	25.3								

Prevailing winds from some point between—	Days.
N. & E.	12
E. & S.	2
S. & W.	11
W. & N.	6

	Days.
Clear	7
Variable / Cloudy	12
Rain or snow fell on	21

Mean of month	29.960	... ... 36.3
Extreme range	1.11	... ... 45.0

April, 1844.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (DIRECTION AND FORCE.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (TENTHS CLOUDY.) At 6 A. M.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
1	30.39	30.48	30.54	25	42	27	31.3	N'ly 1	N. E. 1	N'ly 1	2	8	0		1st and 2d. Raw, cold wind.
2	30.60	30.50	30.43	23	36	30	29.7	N'ly 1	N. E. 2	N. E. 1	0	0	0		3d. Growing more mild.
3	30.39	30.05	29.96	25	54	47	42.0	N'ly 1	W'ly	W'ly	0	0	2		4th. Very warm during the day after 9 A. M.
4	29.77	29.67	29.66	46	68	64	59.3	N. W.	S. W. 4	S. W.	3	1	8		5th. Hazy in the forenoon. Rather dim northern light in the evening.
5	29.79	29.90	30.10	46	60	43	49.7	N'ly 2	N. W.	N. W.	2	6	0		8th. Foggy in the morning. In the evening, wind perfectly calm, and lightning in the north.
6	30.23	30.31	30.33	34	61	43	46.0	N'ly	E'ly 2	E'ly	0	5	10		9th. Foggy at sunrise. Began to rain moderately at 7 A. M., and continued till 10½ A. M. Cleared off at 3 P. M.
S 7	30.35	30.28	30.17	41	50	43	44.7	S. E'ly	S'ly	S'ly	7	9	10		
8	29.99	29.83	29.73	43	59	52	51.3	S'ly 1	S. E.	S'ly	10	2	1		10th. Warm and mild, and not much air stirring.
9	29.72	29.72	29.78	48	64	52	54.7	S. E'ly 1	N'ly	N'ly	10	10	0	0.50	11th. Hazy at 1 P. M.; warm.
10	29.91	29.89	29.88	42	63	58	51.0	N. W.	S'ly 3	W'ly	0	0	0		12th. Clear warm day. Wind turned to the S. about 2 P. M., but a little chilly.
11	29.92	29.94	29.97	48	72	49	56.3	N'ly	N. E.	S'ly	0	4	0		13th. Very fine and very warm.
12	30.07	30.09	30.12	43	64	48	51.7	N. E.	E'ly	S'ly	2	0	0		14th. Oppressively warm.
13	30.06	29.97	29.88	42	66	54	54.0	S. W.	S'ly	S'ly	0	2	0		15th. Wind came to N. E at from 9 to 10 A.M. Sprinkling of rain in the afternoon.
S 14	29.55	29.77	29.71	52	78	65	65.0	S. W. 1	S'ly 1	S'ly 1	0	0	0		16th, 17th, 18th. Fine.
15	29.71	29.82	29.91	58	60	45	54.3	S. E'ly 1	N. E. 2	N. E. 2	6	10	10		
16	29.90	29.76	29.70	45	63	49	52.3	N. E. 1	S. E'ly 2	S'ly 1	5	3	10		
17	29.62	29.63	29.82	55	68	45	56.0	S'ly 1	W'ly 2	N. W. 3	7	2	1		
18	30.08	30.07	30.10	35	52	35	40.7	N. E. 2	N. E. 2	N'ly	3	0	0		19th. Black frost. Ice formed in shallow open vessels three-eighths of an inch in thickness.
19	30.11	30.09	30.04	30	58	44	44.0	N. W. 1	W'ly 1	S'ly 1	0	0	0		20th. Pleasant.
20	29.97	29.92	29.89	44	62	47	51.0	N. E. 2	N. E'ly 1	N. E. 1	10	2	10		21st. Very moderate rain beginning at 11 to 12 A. M.
S 21	29.84	29.81	29.76	46	57	45	49.3	E'ly 1	E'ly 2	E'ly 1	Foggy	Rain	Rain	0.10	22d. Fine in the afternoon. Cherry-tree in front of the house has one cluster of blossoms.
22	29.76	29.83	29.99	50	67	52	56.3	N'ly 1	N'ly 1	S. W'ly 0	10	5	2		23d. Air very raw. Fog in the evening.
23	30.07	30.04	30.03	52	65	45	54.0	E'ly 1	S. E. 2	E'ly 2	10	0	10		24th. Rained moderately from 7 to 8 A. M. Also moderate rain with thunder, from 7½ to 9 P. M.
24	29.91	29.72	29.53	47	65	56	56.0	S. W. 1	S. W. 3	S. W. 2	Rain	10	Rain	0.07	25th. Pleasant.
25	29.63	29.70	29.78	54	66	55	58.3	N. W. 2	N. W. 3	N. W. 1	2	3	10		26th. Frequent sprinkling of rain during the day.
26	29.59	29.52	29.65	57	63	46	55.3	S. W. 3	S. W. 2	N. E. 2	10	10	10		27th. Cool.
27	29.95	30.01	29.99	40	59	43	47.3	N. E. 3	N. E. 2	S. E. 1	2	7	10		28th. Light clouds.
S 28	29.87	29.79	29.70	43	62	50	51.7	S. W. 1	S. W. 1	S. W. 1	5	5	0		29th. Very fine.
29	29.79	29.82	29.94	47	65	46	52.7	N. W. 2	N. W. 2	N. W. 0	0	0	0		30th. Black frost in some places in the vicinity.
30	30.04	30.01	29.99	42	60	49	50.3	N. W. 1	S. E. 3	S.	0	5	5		
Means	29.95	29.93	29.94	43.3	60.1	47.6	...	1.3	1.9	1.2	4.2	4.0	4.3	0.67	
								1.3			4.2				
REDUCED TO SEA LEVEL.															
Max.	30.78	30.68	30.72	58	78	65	65.0								
Min.	29.73	29.70	29.71	23	36	27	29.7								
Mean	30.13	30.11	30.12												
Range	1.05	0.98	1.01	35	42	38	35.3								
Mean of month	30.120			...	...	...	50.6								
Extreme range	1.08			...	...	...	55.0								

Prevailing winds from some point between— Days.
N. & E. 13
E. & S. 3
S. & W. 7
W. & N. 7

Days.
Clear 10
Variable . . . } 15
Cloudy . . . }
Rain fell on . . 5

May, 1844.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.83	29.80	...	54	75	...	...	S. 3	S. 5	...	5	0	...		1st. Cloudy. Wind strong at S. W.
2	29.69	29.63	29.63	60	75	62	65.7	S. W.	S. W.	S. W. 2	0	5	10		2d. Cloudy. Wind strong at S. W. Sprinkling in the afternoon.
3	29.65	29.60	29.58	57	67	58	60.7	S. W. 2	S. W. 2	W'ly 1	5	10	4		3d. Sprinkling of rain from 7 to 8 P. M., with lightning.
4	29.56	29.54	29.53	55	71	52	59.3	N. E'ly 1	E'ly 2	N. E. 2	3	2	10		4th and 5th. Pleasant.
S 5	29.62	29.63	29.69	53	69	57	59.7	W'ly 2	W'ly 3	S. W. 1	0	6	2		6th. Moderate rain in the evening, with thunder and lightning.
6	29.69	29.57	29.32	52	72	57	60.3	S. W. 2	S. E. 3	S. W. 1	0	2	Rain	0.15	7th and 8th. Very blustering.
7	29.34	29.36	29.61	53	65	56	58.0	S. W. 3	W'ly 6	N. W. 4	2	2	0		9th. Very transparent air.
8	29.83	29.74	29.56	52	75	62	63.0	N. W. 2	S. W. 5	S. W. 3	4	8	3		10th. Pleasant.
9	29.74	29.73	29.90	52	67	52	57.0	N. W. 2	N. W. 3	N. W. 2	0	0	0		11th. Moderate rain in the morning.
10	30.10	30.09	30.10	47	67	51	55.0	N. W. 1	S. E'ly 2	S. E'ly 1	0	0	10		12th. Dash of rain at 8 P. M. Wind very brisk at N. W.
11	29.93	29.73	29.59	51	52	52	51.7	S'ly 2	S. E'ly 2	S'ly 1	10	Rain	10	0.12	13th. Pleasant.
S 12	29.36	29.36	29.61	63	66	54	61.0	W'ly 2	N. W'ly 4	N. W. 3	10	6	2		14th. Moderate rain from 8 to 10 A. M., then mist.
13	29.80	29.89	29.93	44	64	55	54.3	N. W. 2	N. W. 2	S'ly	0	0	4		15th. Fine.
14	29.96	29.93	29.97	51	53	49	51.0	S'ly 1	S. E'ly 1	W'ly	Rain	10	8		16th. Light showers in the morning.
15	29.97	29.90	...	48	68	53	56.3	N. W. 1	N. W. 1	S'ly	3	0	2		17th. At 6 A. M., wind S. E.; soon came to N. E. Showers early in the morning. Barometer began to rise on the change of wind.
16	29.70	29.63	29.62	53	56	56	55.0	S. W. 1	S. W. 1	W'ly 1	10	Rain	6	0.50	
17	29.57	29.73	29.90	56	57	52	55.0	S. E. 2	N. E. 4	N. E. 2	Rain	10	8		
18	29.79	29.65	29.74	52	52	52	52.0	S. E. 1	S. E. 1	N. W. 2	10	Rain	0	0.50	18th. Moderate rain in the morning.
S 19	29.84	29.87	29.90	50	64	58	57.3	N. W. 2	W'ly 3	W'ly 1	2	1	5		19th. Pleasant.
20	29.89	29.73	29.56	51	56	56	54.3	E ly 1	S. E'ly 2	S. E'ly 1	10	Misty	10		20th. Mist, with occasional sprinkling of rain.
21	29.49	29.67	29.87	56	62	49	55.7	W'ly 1	W'ly 3	N. W. 1	10, Sh'r	10	0	0.30	21st. Showers from 4 to 5 A. M. Clouds dispersed towards night.
22	30.06	30.05	30.06	39	64	48	50.3	N. W. 2	N. E'ly 2	S'ly 0	3	4	0		22d and 23d. Pleasant. Frost in several places in the vicinity in the mornings.
23	30.07	30.09	30.07	42	64	55	53.7	S. E. 1	S. E. 3	S'ly 2	0	0	0		24th. Very pleasant.
24	30.06	29.98	29.97	52	77	64	64.3	S. W. 1	S. E'ly 1	S'ly 2	0	0	0		25th. Very hot till about 6 P. M., when a thundergust came up, with a light shower, and wind changed from W'ly to N. E., and became cooler immediately.
25	29.84	29.72	29.75	55	82	51	62.7	S. W. 2	S. W. 2	N. E. 2	4	2	10		
S 26	29.72	29.66	29.63	46	65	56	55.7	N. E. 2	N. E. 1	S. E'ly	10, Mist	6	10		26th. Raw air.
27	29.57	29.55	29.56	59	79	66	68.0	S. W. 1	S. W'ly 3	W'ly	10, Sh'r	10	Hazy	0.10	27th. Shower at 3 to 4 A. M.
28	29.55	29.50	29.53	62	82	65	69.7	S'ly 1	S'ly 1	W'ly 2	Foggy	6	3		28th. Heavy dashes of rain at 3 P. M.
29	29.61	29.62	29.70	61	72	56	66.3	N. W. 2	W'ly 2	N. W. 1	0	2	0		29th. Fine.
30	29.79	29.77	29.70	55	69	59	61.0	N. E. 2	S. E'ly 3	S. E. 4	0	0	10		30th. Fine. Appearances of rain in the evening.
31	29.57	29.51	29.58	58	66	62	62.0	S. E'ly 2	S'ly 2	S'ly 1	Rain	Rain	10	0.28	31st. Moderate rain at intervals.
Means	29.75	29.72	29.73	52.9	66.9	55.8	...	1.7	2.5	1.4	4.9	5.0	5.2	1.95	
								1.9			5.0				
REDUCED TO SEA LEVEL.															
Max.	30.28	30.27	30.28	63	82	66	69.7								
Min.	29.52	29.54	29.50	39	52	48	50.3								
Mean	29.93	29.90	29.91												
Range	0.76	0.73	0.78	24	30	18	19.4								
Mean of month	29.913			...	...	...	58.5								
Extreme range	0.78			...	...	...	43.0								

Prevailing winds from some point between— Days.
N. & E. 5
E. & S. 9
S. & W. 10
W. & N. 7

Days.
Clear 7
Variable . . . } 9
Cloudy . . . }
Rain fell on . . 15

June, 1844.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (DIRECTION AND FORCE.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (TENTHS CLOUDY.) At 6 A. M.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER	REMARKS.
1	29.78	29.79	29.79	62	73	57	64.0	W'ly 1	W'ly 1	S'ly 1	10	0	0		1st. Very pleasant.
S 2	29.67	29.65	29.68	60	79	59	66.0	S. W. 3	S. W'ly 2	S. W'ly 1	0	8	Sho'ry	0.20	2d. Very sultry in the morning. Showers in the evening.
3	29.73	29.76	29.82	55	66	55	58.7	N. E. 1	N. E. 1	N. E. 1	10	8	0		3d. Variable. Sun out in the afternoon.
4	29.86	29.90	29.90	50	66	52	56.0	N. E. 1	S. E. 2	S'ly 0	5	3	0		4th. Evening very clear.
5	29.87	29.81	29.79	54	68	56	59.3	W'ly 1	W'ly 3	S'ly 1	8	3	0		5th. Pleasant.
6	29.73	29.67	29.65	56	71	61	62.7	S. W. 2	S'ly 3	W'ly 1	0	10	0		6th. Appearances of rain in the afternoon.
7	29.70	29.64	29.55	61	70	64	65.0	S. W'ly 1	S. W. 1	S'ly 1	5	10	Rain		7th. Rain at 9¼ P. M. for a short time.
8	29.74	29.79	29.83	56	68	56	60.0	N. W. 3	N. W. 2	N. W. 1	0	0	0		8th. Very pleasant.
S 9	29.80	...	29.51	58	...	65	...	S. W. 2	...	S. W. 2	10	Shower	10	0.15	9th. Light shower, with thunder, from 4 to 5 P. M.
10	29.56	29.57	29.69	56	72	55	61.0	W'ly 2	W'ly 3	N. W. 4	0	0	0		10th. Pleasant.
11	29.82	29.87	30.01	48	67	53	56.0	N. W. 4	N. W. 2	N. W. 0	0	0	0		11th. Uncomfortably cold.
12	30.12	30.09	30.10	48	69	53	56.7	N. W. 1	S'ly 2	S'ly 1	0	0	0		12th. Faint aurora at 10 P. M.
13	30.07	30.01	29.97	52	67	55	58.0	S'ly 1	S. E. 3	S. W. 1	6	5	7		13th. Air raw. Ground excessively dry.
14	29.92	29.92	29.92	55	68	53	58.7	S. W. 1	N. W. 1	N. E. 2	10	7	10		14th. Appearances of rain in the evening.
15	30.10	30.09	30.09	50	67	55	57.3	N. E. 1	N. E. 2	E'ly 1	3	0	0		15th and 16th. Pleasant.
S 16	29.99	29.89	29.83	54	76	62	64.0	W'ly 2	W'ly 2	S. W. 1	0	0	0		17th. Sprinkling of rain from 7 to 8 P. M.
17	29.79	29.75	29.72	55	76	64	65.0	W'ly 2	S. W. 2	S. W. 1	0	7	10		18th. Light showers in the morning; little more than enough to lay the dust.
18	29.69	29.65	29.63	63	76	65	68.0	S. W. 2	S. W. 2	S. W. 1	10	10	0		
19	29.66	29.62	29.57	65	85	66	72.0	S. W. 1	S. W. 3	S. W. 3	3	1	10		19th. Appearances of rain.
20	29.57	29.56	29.60	67	82	68	72.3	S. W. 2	S. W. 2	N. W. 1	2	0	0		20th and 21st. Fine.
21	29.63	29.63	29.68	67	76	59	67.3	N. W. 1	N. W. 2	N. E. 2	4	3	4		
22	29.59	29.54	29.56	59	61	61	60.3	N. E. 2	N. E. 2	N. W. 1	Rain	10	8	0.80	22d. Rain from 7 to 11 A. M.
S 23	29.62	29.65	29.70	60	77	66	67.7	N. W. 2	N. W. 3	N. W. 1	0	0	0		23d. Very fine.
24	29.67	29.62	29.63	63	78	68	69.7	N. W. 2	N. W. 3	S. W. 3	0	0	7		24th and 25th. Pleasant.
25	29.63	29.60	29.59	68	85	71	74.7	S. W. 2	S. W. 3	S. W. 2	5	3	4		26th. Very hot. Thunder and sprinkling at 7 P. M.; shower to north.
26	29.64	29.65	29.69	71	88	73	77.3	S. W. 1	W'ly 2	W'ly 1	3	5	7		
27	29.68	29.65	29.67	68	89	70	75.7	S. W. 2	S. W. 3	S. W. 2	3	2	5		27th. Very hot.
28	29.66	29.54	29.62	71	86	71	76.0	S. W. 2	W'ly 3	W'ly 2	2	3	0		28th. Fine.
29	29.66	29.73	29.88	61	73	58	64.0	N. W. 2	N. W. 3	N. W. 1	0	0	0		29th. Very pleasant.
S 30	29.96	29.96	29.91	58	74	58	63.3	N. E. 1	E'ly 2	S. E'ly	0	6	5		30th. Pleasant.
Means	29.76	29.74	29.75	59.0	74.2	61.0	...	1.7	2.2	1.4	3.6	3.8	3.6	1.15	
								1.8			3.7				
REDUCED TO SEA LEVEL.															
Max.	30.30	30.27	30.28	71	89	73	77.3								
Min.	29.74	29.72	29.69	48	61	52	56.0								
Mean	29.94	29.92	29.93												
Range	0.56	0.55	0.59	23	28	21	21.3								
Mean of month			29.930	...	...	...	64.7								
Extreme range			0.61	...	...	...	41.0								

Prevailing winds from some point between—	Days.
N. & E.	3
E. & S.	3
S. & W.	16
W. & N.	8

	Days.
Clear	9
Variable, Cloudy	14
Rain fell on	7

July, 1844.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.78	29.63	29.57	61	68	68	65.7	S. W. 2	S. W. 2	S. W. 1	10	Rain	5		1st. Sprinkling of rain from 2 to 3 P. M.
2	29.56	29.58	29.56	68	84	69	73.7	W'ly 2	W'ly 2	W'ly 1	0	0	2		2d. Fine.
3	29.51	29.48	...	64	78	...	...	S. W. 2	S. W. 1	...	Rain	9	...		
4	...	...	...	...	...	...	...	...	...	...	...	...	...		
5	...	...	...	...	...	...	...	...	...	...	...	...	...		
6	...	...	29.42	...	...	70	...	...	...	S. W. 2	...	...	8		6th. Light shower at 10 P. M., with thunder.
S 7	29.56	29.58	29.68	64	78	63	68.3	N'ly 1	N'ly 1	N'ly 1	0	4	0		7th and 8th. Fine.
8	29.74	29.74	29.78	54	75	63	64.0	N'ly 2	W'ly 3	W'ly 1	0	3	0		
9	29.76	29.68	29.63	60	83	69	70.7	N.W'ly 1	W'ly 3	S. W. 3	0	2	7		9th. Wind very blustering from 3 to 5 or 6 P. M.
10	29.58	29.45	29.37	69	80	68	72.3	S. W. 2	S. W.	S. W. 2	10	7	8		10th. Cloudy, with appearance of rain.
11	29.48	29.40	29.50	67	78	60	68.3	S. W. 2	E'ly 2	N. E'ly 2	0	7, Shr.	10	0.56	11th. Very hot sun in the morning. Shower from 5 to 7 P. M.
12	29.62	29.68	29.78	61	74	61	65.3	N. E. 1	N. E. 2	N. E. 2	10	10	10		12th. Cool, with appearances of rain.
13	29.82	29.81	29.79	62	74	67	67.7	S. E. 1	S. E. 1	S. W. 1	10	10	10		14th. Sprinkling of rain from 6 to 7 P. M., with thunder.
S 14	29.68	29.64	29.58	68	81	70	73.0	S. W. 1	S. W. 2	S. W. 1	10	6	7		15th. Very warm.
15	29.62	29.60	29.64	68	84	68	73.3	W'ly 1	S. W. 1	S. W. 1	6	7	10		16th. Began to rain moderately at 6 A. M., and rained steadily till after 2 P. M. Some stars appeared in the evening.
16	29.60	29.48	29.50	63	59	60	60.7	E'ly 1	N'ly 2	N'ly	Rain	Rain	7	1.70	
17	29.59	29.60	29.67	57	80	68	68.3	N. W. 1	N. W. 1	N. W. 1	0	0	0		17th, 18th, and 19th. Very fine.
18	29.70	29.71	29.68	63	78	66	69.0	N'ly 1	N. E. 1	S. E'ly 0	0	3	0		
19	29.62	29.55	29.50	64	81	68	71.0	S. W. 1	S'ly 3	S'ly 2	5	2	Rain	0.70	
20	29.48	29.49	29.53	65	74	65	68.0	S. W. 1	N. E. 1	N. W. 1	10	Rain	0		20th. Copious showers.
S 21	29.68	29.70	29.78	64	81	69	71.3	N. W. 2	N. E. 2	S'ly 2	4	4	0		21st and 22d. Pleasant.
22	29.85	29.82	29.80	63	80	69	70.7	S. W. 1	S'ly 2	S. W. 2	0	2	7		
23	29.78	29.69	29.66	68	80	70	72.7	S. W. 1	S. W. 2	S. W. 1	7	8	4		23d and 24th. Very sultry.
24	29.68	29.65	29.68	66	77	66	69.7	N. E. 2	E'ly 1	E'ly 1	0	0	5		
25	29.68	...	29.69	61	...	58	...	N. E. 1	...	N. E.	10	...	Rain	0.47	25th. Rain at intervals.
26	29.72	...	29.71	58	...	59	...	N. E. 2	...	W'ly 1	10	...	0		26th. Pleasant.
27	29.82	29.82	29.85	56	74	60	63.3	N. E'ly 1	N. W. 1	N'ly	10	2	0		27th to 30th. Very fine.
S 28	29.93	29.93	29.98	60	78	63	67.0	S. W. 1	S. W. 2	S. W. 1	0	3	0		
29	29.98	29.93	29.92	62	76	64	67.3	S. W. 1	S. W. 2	S. W. 2	0	2	3		
30	29.88	29.81	29.82	63	78	64	68.3	S. W. 2	S. W. 3	S. W. 2	5	5	2		
31	29.78	29.76	29.70	64	79	66	69.7	S. W. 3	S'ly 3	S'ly 3	8	Rain	10	1.00	31st. Moderate rain at intervals.
Means	29.69	29.66	29.67	63.0	77.4	65.5	...	1.5	1.8	1.5	5.2	5.3	4.8	4.42	
								1.6			5.1				
REDUCED TO SEA LEVEL.															
Max.	30.16	30.11	30.16	69	84	70	73.7								
Min.	29.66	29.58	29.55	56	59	58	60.7								
Mean	29.87	29.84	29.85												
Range	0.50	0.53	0.61	13	25	12	13.0								
Mean of month			29.853	...	...	...	68.6								
Extreme range			0.61	...	...	...	26.0								

Prevailing winds from some point between—	Days.
N. & E.	9
E. & S.	2
S. & W.	14
W. & N.	4

	Days.
Clear	7
Variable, Cloudy	15
Rain fell on	7
(2 days omitted.)	

August, 1844.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (DIRECTION AND FORCE.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (TENTHS CLOUDY.) At 6 A. M.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
1	29.68	29.67	29.68	65	78	72	71.7	S'ly 2	S. W. 2	S'ly	Rain	8	10		1st. Light showers in the morning.
2	29.71	29.72	29.77	72	82	71	75.0	S'ly 1	S. W. 2	S. W. 1	10	5	10		2d. Very sultry. Sprinkling of rain in the afternoon.
3	29.77	29.75	29.67	67	84	68	73.0	N. E. 2	S'ly 1	S'ly	10	8	Misty		3d. Very sultry. Mist in the evening.
S 4	29.49	29.44	29.46	70	73	67	70.0	S. W. 2	S. W. 2	S. W.	10	10	2		4th. Showery from 9 to 12 A. M. Cloudy in the afternoon; very sultry.
5	29.60	29.60	29.64	58	74	63	65.0	N. W. 2	N. W. 2	N. W. 1	0	2	0		5th. Very pleasant.
6	29.63	29.61	29.61	58	73	64	65.0	N. W. 1	S. W. 2	S. W. 0	0	0	0		6th. Very pleasant. Clouds from 4 to 6 P. M., with appearances of a shower.
7	29.63	29.64	29.72	64	78	66	69.3	N. W. 1	S. W. 2	S. W. 1	0	2	0		7th and 8th. Very fine.
8	29.75	29.73	29.74	64	78	69	70.3	S. W. 3	S. W. 3	S. W. 1	0	1	0		9th. Air very damp, with appearances of rain.
9	29.69	29.58	29.56	68	81	75	74.7	S. W. 2	S. W. 4	S. W. 4	2	9	10		10th. Very damp and sultry. Sprinkling of rain from 6 to 7 P. M.
10	29.50	29.52	29.57	74	81	70	75.0	W'ly 2	W'ly 2	W'ly 2	7	0	10		11th, 12th, and 13th. Very fine.
S 11	29.62	29.60	29.65	62	74	60	65.3	N. W. 2	N. W. 2	N. W. 2	3	8	0		
12	29.73	29.73	29.79	55	72	57	61.3	N. W. 2	N. W. 2	N. W. 1	0	3	0		
13	29.86	29.85	29.88	54	74	61	63.0	N. W. 2	S. W. 3	S. W. 1	0	2	0		
14	...	...	29.96	...	...	62	...	...	...	N. W. 1	...	Rain	6	0.73	14th. Copious showers at intervals.
15	29.96	29.94	29.91	56	75	62	64.3	N. W. 2	S. E. 2	E'ly	0	10	10		15th and 16th. Pleasant.
16	29.89	29.84	29.78	57	80	64	67.0	W'ly 1	S'ly 2	S'ly 1	3	2	0		
17	29.69	29.59	29.61	64	80	72	72.0	S. W. 2	S. W. 2	S. W. 1	4	1	0		17th and 18th. Very warm.
S 18	29.72	29.77	29.84	64	80	67	70.3	N. W. 2	N. E. 2	S. W. 2	0	2	0		19th. Warm and sultry. Air very damp in the afternoon.
19	29.88	29.87	29.83	64	78	70	70.7	S. W. 2	S. E. 3	S'ly 2	2	8	10		20th. Very warm and sultry. Sudden change to cooler during the night.
20	29.73	...	...	70	...	...	...	S. W. 1	...	...	10	...	...		21st. Very pleasant.
21	...	...	29.88	...	...	58	...	...	...	N. W. 2	...	...	0		22d. Strong indication of rain in the afternoon.
22	29.92	29.81	29.69	53	72	58	61.0	N. E. 2	E'ly 2	S. E. 2	3	2	Rain	0.38	Commenced raining from 7 to 8 P. M.
23	29.50	29.30	29.32	60	77	65	67.3	S. E. 3	S'ly 1	N. E. 2	Misty	10	Misty		23d. Showers in the morning. Hot sun at intervals in the afternoon. Clouds and mist in the evening, with wind N. E.
24	29.36	...	...	57	...	...	...	N. E. 2	...	...	10	...	...		
S 25	...	...	...	...	...	...	...	...	...	...	...	...	...		
26	...	...	...	...	...	...	...	...	...	...	...	...	...		
27	...	...	...	...	...	...	...	...	...	...	...	...	...		
28	...	...	...	...	...	...	...	...	...	...	...	...	...		
29	...	...	29.64	...	...	61	...	...	...	S. W. 1	...	...	2		29th. Pleasant. Morning cool.
30	29.71	29.70	29.68	56	74	63	64.3	W'ly 1	N. W. 2	N. W. 1	0	2	0		30th and 31st. Pleasant.
31	29.81	29.81	29.84	58	73	65	65.3	N. W. 1	N. W. 2	W. 1	0	6	6		
Means	29.70	29.68	29.71	62.1	76.9	65.2	...	1.8	2.1	1.4	3.9	4.8	4.1	1.11	
								1.8			4.2				
REDUCED TO SEA LEVEL.															
Max.	30.14	30.12	30.14	74	84	75	75.0								
Min.	29.54	29.48	29.50	53	72	57	61.0								
Mean	29.88	29.86	20.89												
Range	0.60	0.64	0.64	21	12	18	14.0								
Mean of month			29.877	...	...	...	68.1								
Extreme range			0.66	...	...	...	31.0								

Prevailing winds from some point between— Days.

N. & E.	3
E. & S.	4
S. & W.	13
W. & N.	7

Days.

Clear	7
Variable, Cloudy	13
Rain fell on	7

(4 days omitted.)

September, 1844.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
S 1	29.88	29.88	29.88	63	65	64	64.0	E'ly 2	E'ly 2	S. W'ly 1	10	Rain	7	0.90	1st. Pretty steady rain from 10 A. M. to 3 or 4 P. M.
2	29.88	29.78	29.67	64	76	68	69.3	S. W. 1	S. W. 3	S. W. 2	4	5	10		2d. Cloudy, and air damp. Rain during the night.
3	29.62	...	...	68	...	...	...	S. W. 1	...	...	Rain	...	...	0.33	3d, 4th, and 5th. Very pleasant.
4	...	...	...	...	...	...	...	...	...	...	...	...	...		6th, 7th, and 8th. Very fine.
5	30.03	...	30.10	50	...	52	...	N. W. 3	...	N. E.	0	...	0		9th. Halo about the sun very extraordinary. See my notice of it published in the Providence Journal of Sept. 14th.
6	30.16	30.15	30.11	48	68	53	56.3	N. E. 1	N. E. 1	N. E. 1	0	0	0		10th and 11th. Pleasant.
7	30.07	29.99	29.94	48	73	59	60.0	N. E. 1	N. E. 2	N. E. 1	0	0	0		12th. Appearances of rain.
S 8	29.90	29.84	29.82	55	76	60	63.7	N. W. 1	N. W. 1	S. W. 1	0	2	0		14th. Cloudy and cool.
9	29.79	29.75	29.78	56	78	63	65.7	S. W. 1	S. E'ly 2	S'ly 1	0	2	0		15th. Very pleasant. Hot sun.
10	29.78	29.78	29.81	59	80	64	67.7	W'ly 1	W'ly 3	S. W'ly	6	2	0		16th. Pleasant. Sun very hot.
11	29.83	29.83	29.85	58	77	65	66.7	W'ly 1	S. W. 3	W'ly	0	5	8		17th. Pleasant. Rather cool.
12	29.85	29.84	29.82	58	69	59	62.0	E'ly 2	E'ly 1	E'ly 2	10	10	10		18th to 21st. Pleasant.
13	29.79	29.79	29.78	58	65	58	60.3	N. E. 3	N. E. 3	N. E. 3	10	10	9		22d. Two or three heavy dashes of rain in the afternoon.
14	29.79	29.73	29.73	56	71	59	62.0	N. 3	N. E'ly 3	N'ly 3	8	8	0		23d and 24th. Pleasant, though cool. Slight frost in the vicinity.
S 15	29.74	29.75	29.78	58	79	64	67.0	N. W. 2	N. W. 3	N. E. 1	2	2	0		25th. Occasional sprinkling of rain in the afternoon, and rain during the night.
16	29.79	29.76	29.75	59	79	66	68.0	N.W'ly 1	N. W. 2	N. W. 1	0	0	0		26th. Rain continued moderately till 12 or 1 o'clock. Very clear and still in the evening.
17	29.81	29.81	29.75	61	68	54	61.0	N. E. 3	N. E. 4	N. E. 2	4	0	0		27th. Pleasant. Cool towards night.
18	29.76	29.64	29.62	53	76	62	63.7	N. W. 2	W'ly 1	N. W. 0	5	3	0		28th. First appearance of white frost in the College yard—only slight. Wind light N'ly. Barometer falling. Wind soon came more towards N. E., continued light during the day, but increased in the evening. Began to rain moderately at 10 P. M.
19	29.74	29.78	29.79	57	76	59	64.0	N. W. 1	N. W. 1	S. E. 2	3	0	0		
20	29.82	29.81	29.77	57	79	64	66.7	S. W. 1	S. W. 2	S. W. 2	0	0	0		
21	29.76	29.73	29.70	59	78	67	68.0	S. W. 2	S. W. 4	S. W. 3	6	2	6		
S 22	29.70	29.72	29.80	63	56	50	56.3	N. W. 2	N. E. 2	N. W. 1	10	Rain	0		
23	29.89	29.89	29.94	43	59	47	49.7	N. 2	N. E. 2	N. E. 0	0	0	0		
24	29.97	29.92	29.94	43	64	54	53.7	N. W. 1	E'ly 2	S. E. 3	0	2	0		29th. Rain. Wind heavy N. E; at noon, hauled more to E., and somewhat abated; from 1 to 2 P. M., came round to S. W., clouds broken and sun out, wind rather light. In the course of the afternoon, wind came to W'ly and increased in strength, with rain. At 10 P. M., wind rather heavy at N. W'ly, with mist. At 5 P. M., barometer stood at 28.95, had been falling all day; began to rise from 6 to 7 P. M.; at 9½ P. M., was at 29.09.
25	29.94	29.87	29.89	54	62	55	57.0	N. W. 1	S. W. 2	S. W. 2	10	10	10		
26	29.89	29.90	29.95	49	49	44	47.3	N. E. 2	N'ly 2	N. W. 0	Rain	10	0	1.00	
27	30.01	29.97	30.00	41	56	42	46.3	N. W. 1	N. W. 1	N. W. 2	0	4	0		
28	29.95	29.80	29.68	33	56	47	45.3	N'ly 2	N. E. 2	N. E. 2	0	10	10		
S 29	29.30	29.95	29.99	46	54	45	48.3	N. E. 4	E'ly 2	N. W. 3	Rain	Rain	Misty	0.60	
30	29.50	29.55	29.84	43	61	52	52.0	N. W. 1	W'ly 3	N. W. 1	0	1	3		30th. Pleasant.
Means	29.82	29.78	29.80	53.8	68.5	57.0	...	1.7	2.2	1.6	4.4	4.0	2.8	2.83	
								1.8			3.7				
REDUCED TO SEA LEVEL.															
Max.	30.34	30.33	30.29	68	80	68	69.3								
Min.	29.48	29.13	29.17	33	54	42	45.3								
Mean	30.00	29.96	29.98												
Range	0.86	1.20	1.12	35	26	26	24.0								
Mean of month			29.980	...	...	...	59.8								
Extreme range			1.21	...	...	...	47.0								

Prevailing winds from some point between— Days.

N. & E.	11
E. & S.	3
S. & W.	7
W. & N.	8

Days.

Clear	10
Variable, Cloudy	12
Rain fell on	7

(1 day omitted.)

October, 1844.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	30.10	30.09	30.13	37	55	43	46.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		1st. Pleasant.
2	30.16	30.10	30.04	37	59	46	47.3	N. W. 1	S'ly 2	S'ly 1	0	0	1		2d. Light white frost in the College yard.
3	29.91	29.78	29.67	45	58	57	53.3	S. E'ly 1	E'ly 2	E'ly 2	3	10	Rain	1.42	3d. Began to rain moderately from 2 to 3 P. M., and continued during the night.
4	29.39	29.28	29.29	58	60	54	57.3	S. E. 2	W'ly 1	...	Rain	9	0		4th. Rain in the morning, wind S. E., heavy showers. Clouds became broken from noon to 1 P. M., and sun appeared.
5	29.34	29.36	29.64	48	60	52	53.3	S. W. 2	S. W. 3	N. W.	3	8	0		5th. Pleasant.
S 6	29.65	29.63	29.54	47	59	49	51.7	N. W.	N. E.	N. E.	8	8	10, R'n	0.60	6th. Cloudy in the afternoon; wind N. E. Rain during the night.
7	29.55	29.63	29.77	44	54	48	48.7	N. W. 2	N. W. 2	N. W. 1	10	10	3		7th. Cloudy.
8	29.84	29.80	29.78	45	57	46	49.3	N. W. 1	S. W. 3	S. W. 1	8	2	0		8th, 9th, and 10th. Pleasant.
9	29.69	29.63	29.73	48	66	52	55.3	W'ly 2	W'ly 1	W'ly 0	9	2	0		11th. Cloudy, with appearances of rain. Clear in the evening.
10	29.69	29.53	29.52	45	68	58	57.0	W'ly 1	S. W. 3	S. W. 1	0	0	0		12th. Pleasant.
11	29.69	29.73	29.84	49	52	44	48.3	N. E. 2	N. E. 2	N. W. 2	10	10	0		13th. Pleasant. Copious white frost in the College yard this morning.
12	30.00	30.01	30.07	39	51	41	43.7	N. W. 2	N. E. 2	N. E. 1	0	3	0		14th. Began to rain quite moderately from 1 to 2 P. M.; increased in the evening.
S 13	30.13	30.09	30.01	44	54	48	48.7	N. W. 0	S. E'ly 2	S'ly 1	0	1	8		15th. Rain and drizzle.
14	29.88	29.76	29.61	44	57	53	51.3	S. W. 1	S. W. 3	S. W. 2	5	Rain	Rain	0.58	16th. Very pleasant.
15	29.31	29.09	29.13	56	59	53	56.0	S. W. 1	S. W. 1	W'ly 2	10	Rain	10		17th. Cloudy in the afternoon and evening, with appearances of rain.
16	29.41	29.51	29.80	49	58	48	51.7	W'ly 2	W'ly 2	W'ly 1	3	0	0		18th. Rain at intervals through the day. Very high wind and stormy during the night.
17	30.01	29.99	29.96	41	59	55	51.7	W'ly	S. E'ly 3	S. W. 3	0	10	10		19th. Storm in the morning. Barometer began to rise at 8 A. M. Clear in the evening.
18	29.90	29.85	29.72	58	64	60	60.7	S. W. 1	S. W. 2	S. W. 2	10	Rain	Spr'ling	1.28	20th. A splendid day, without a cloud. Very brilliant aurora, continuing from 9 P. M. through the night. A luminous bow, of a few degrees in height, spanned 60° or 70° of the horizon, from which brilliant corruscations shot up towards the zenith to the height of 60° or 70°. What was unusual and very striking, was the rapid horizontal movement of what seemed to be dense masses of light. The bow seemed to heave and swell like the ocean, and thick masses of light beneath the bows moved rapidly backwards and forwards in a horizontal direction. The whole scene underwent unusually rapid and brilliant transformations.
19	29.44	29.53	29.74	65	58	48	57.0	S. W. 6	W. 3	N. W. 1	Rain	9	0		21st. Cloudy, with appearances of rain.
S 20	30.00	30.06	30.22	38	49	38	41.7	N. W. 3	N. W. 2	N. W. 1	0	0	0		22d to 25th. Pleasant.
21	30.30	30.30	30.24	33	54	46	41.0	N'ly 1	E'ly 1	S. E'ly 1	0	10	10		28th. Rain during the night.
22	30.30	30.14	30.12	46	57	44	49.0	N. E. 1	N. E. 3	...	8	2	0		29th. Rain in the morning, pretty heavy.
23	30.14	30.12	30.13	39	57	44	46.0	N. E. 1	E'ly 1	E'ly	0	0	0		
24	30.19	30.13	30.13	40	60	47	49.0	N. E. 1	E'ly 1	S. E'ly 1	0	0	2		
25	30.09	29.98	29.94	48	62	53	54.3	N. E. 1	S. E'ly 1	S'ly 1	10	6	6		
26	29.89	...	29.73	50	...	55	...	S. W. 1	...	S. E'ly	0	...	10		
S 27	29.69	29.65	29.64	52	52	48	50.7	N. E.	N. E.	N. E.	10	10	10		
28	29.60	29.53	29.53	42	44	46	44.0	N. E. 4	N. E. 4	E'ly	10	10	Misty	1.92	
29	29.33	29.21	29.39	49	50	48	49.0	N. E. 2	N'ly 1	W'ly 3	Rain	Misty	10		
30	29.57	29.61	29.69	38	48	40	42.0	N. W. 1	N. W. 2	N. W. 1	0	8	5		
31	29.69	29.72	29.86	36	45	36	39.0	N. W. 1	N. W. 2	N. W. 2	10	10	0		
Means	29.80	29.76	29.79	45.5	56.2	48.4	...	1.6	2.0	1.3	5.1	5.7	4.4	5.80	
								1.6			5.1				
REDUCED TO SEA LEVEL.															
Max.	30.48	30.48	30.42	65	68	60	60.7								
Min.	29.49	29.27	29.31	33	44	38	39.0								
Mean	29.98	29.94	29.97												
Range	0.99	1.21	1.11	32	24	22	21.7								
Mean of month			29.963	...	...	...	49.8								
Extreme range			1.21	...	...	...	35.0								

Prevailing winds from some point between— Days.

N. & E.	7
E. & S.	5
S. & W.	13
W. & N.	6

	Days.
Clear	8
Variable	15
Cloudy	
Rain fell on	8

November, 1844.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.95	29.90	29.90	33	49	40	40.7	N. W. 1	S. W. 1	S. W. 1	0	0	1		1st, 2d, and 3d. Very fine.
2	29.90	...	29.98	38	...	46	...	N. W. 1	...	S. W. 1	9	...	0		
S 3	29.89	...	...	39	55	48	47.3	N. W. 1	S. E'ly 1	...	0	0	Hazy		
4	29.71	29.68	29.61	48	51	48	49.0	N. E. 1	N. E. 1	N. E. 2	Rain	Misty	Rain	1.62	4th. Rain and mist. Heavy rain during the night.
5	29.40	...	29.28	42	...	42	...	N. W. 2	...	N. W. 2	Misty	...	0		5th. Pleasant.
6	29.29	29.29	29.31	38	44	38	40.0	W'ly 3	W'ly 4	N. W. 4	0	10	3		6th. Very blustering.
7	29.42	29.42	29.40	35	58	49	47.3	N. W. 2	W. 2	S. W. 1	1	3	0		7th. Pleasant.
8	29.40	29.42	29.54	44	58	45	50.7	S. W. 1	S. W. 1	N. W. 1	3	0	2		8th and 9th. Very pleasant.
9	29.69	...	29.81	39	...	41	...	W'ly 1	...	S. W. 1	0	...	2		10th. Pleasant.
S 10	29.95	29.89	29.68	34	51	49	44.7	N. W. 1	S'ly 1	S. W. 1	0	10	10		11th. Heavy thundershower from 2 to 3 P. M.
11	29.69	...	29.74	46	...	46	...	S. W. 1	...	N'ly	1	Shower	10	0.27	12th. Misty through the day. Moderate rain in the evening. During the night, wind came round to S. and S. W., and grew warm.
12	29.73	29.70	29.60	44	50	52	48.7	N. E. 1	N. E. 2	E'ly 1	Misty	Misty	Rain	0.08	13th. Misty and light rain occasionally.
13	29.48	29.51	29.68	61	47	41	49.7	W'ly 1	N. W. 1	N. W. 2	Misty	Rain	8		14th. Blustering.
14	29.71	29.75	29.91	34	42	35	37.0	N. W. 2	N. W. 4	N. W.	0	0	1		15th. Pleasant
15	30.02	30.00	29.96	31	45	36	37.3	N. W. 1	N. W. 1	N. W. 1	0	0	2		16th. Very pleasant.
16	29.96	29.92	29.96	33	50	38	40.3	N. W. 1	N. W.	N. W.	0	0	2		17th. Pleasant.
S 17	30.00	29.91	29.72	35	49	36	40.0	N. W. 1	S. W. 1	S. W.	0	0	9		18th. Light rain in the morning. Grew cold during the day.
18	29.50	29.47	29.61	51	45	34	43.3	S. W. 2	S. W. 2	N. W. 3	Rain	10	0		19th. Very pleasant, though cool.
19	29.93	29.93	29.96	26	37	31	31.3	N. W. 2	N. W. 2	N. W. 0	0	0	0		20th. Variable.
20	29.90	29.81	29.81	31	44	38	31.7	W'ly 1	S. W. 2	S. W. 1	9	10	6		21st. Pleasant.
21	29.91	...	29.89	32	...	40	...	N. W. 1	E'ly 1	S. W. 1	0	...	5		22d. Misty through the day. Rain in the evening and through the night.
22	29.82	29.84	29.59	41	48	46	45.0	N. E. 1	N. E. 1	E'ly 1	Misty	Misty	Rain	1.00	23d. Occasional rain in the morning. Clear in the evening.
23	29.29	29.21	29.25	45	49	47	47.0	N'ly 1	N'ly 1	N'ly 2	Misty	6	0		24th. Blustering. Total eclipse of the moon in the evening.
S 24	29.29	29.29	29.40	40	39	30	36.3	N. W. 2	N. W. 3	N. W. 3	2	3	8		25th. Wind cutting and severe.
25	29.52	29.56	29.76	25	29	24	26.0	N. W. 3	N. W. 3	N. W. 3	0	0	0		26th. Cloudy in the afternoon; wind S.W. Very moderate snow and rain in the evening.
26	29.93	29.84	29.45	18	31	35	31.3	N. W. 2	N. W. 2	S. W. 3	6	10	R'n, sn.		27th. Cold and wintery.
27	29.68	29.75	30.00	33	34	22	29.7	N'ly 2	W'ly 2	N. W. 2	2	3	2		28th. Commenced snowing at 1 P. M. Wind at N'ly and then N. E.
28	30.03	29.92	29.74	15	19	19	17.7	N. W. 1	N'ly 2	N. E. 2	6	Snow	Snow	0.33	29th. From two to three inches of dry snow on the ground in the morning. Cloudy and raw through the day. Clear and still in the evening.
29	29.75	29.80	29.92	22	31	24	25.7	N'ly 2	N. W. 1	N. W. 1	10	10	0		
30	29.98	29.94	29.87	18	37	37	30.7	N. W. 1	S. W. 1	S. W. 1	0	3	10		
Means	29.73	29.70	29.70	35.9	43.7	38.3	...	1.5	1.7	1.6	4.0	5.3	4.7	3.30	
								1.6			4.7				
REDUCED TO SEA LEVEL.															
Max.	30.21	30.18	30.18	61	58	52	50.7								
Min.	29.47	29.39	29.43	15	19	19	17.7								
Mean	29.91	29.88	29.88												
Range	0.74	0.79	0.75	46	39	33	33.0								
Mean of month			29.890	...	...	...	39.3								
Extreme range			0.82	...	...	...	46.0								

Prevailing winds from some point between— Days.

N. & E.	4
E. & S.	2
S. & W.	11
W. & N.	13

	Days.
Clear	10
Variable	11
Cloudy	
Rain or snow fell on	9

December, 1844.

DAYS.	BAROMETER, REDUCED TO 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (DIRECTION AND FORCE.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (TENTHS CLOUDY.) Sunrise.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
S 1	29.64	29.72	29.91	46	36	32	38.0	S. W. 2	N'ly 1	N'ly 1	Misty	R'n, m't	5	0.15	1st. Wind S.W. and warm at sunrise; soon came to N'ly, and grew colder. Mixed rain, snow, and hail at intervals in the afternoon.
2	30.02	30.12	30.24	24	37	31	30.7	N. W. 1	N. W. 1	N. W. 2	0	0	8		2d. Very pleasant.
3	30.30	30.24	30.09	32	37	34	34.3	N. E. 1	N. E. 2	N. E. 2	10	10	10		3d. Appearances of storm. Flurry of snow in the evening.
4	29.80	29.59	29.59	38	38	38	38.0	N. E. 3	N. E. 3	N. E. 2	Rain	Misty	10	0.50	4th. Moderate rain in the morning.
5	29.83	29.89	30.02	40	43	35	39.3	N'ly 1	N. W. 1	N'ly 1	10	8	3		5th. Cloudy, but mild. Frost out of the ground.
6	30.09	30.06	30.03	33	45	41	39.7	N'ly 1	N. E. 1	N. E. 1	10	8	10		6th. Very mild.
7	29.69	29.40	29.18	42	56	54	54.0	N. E'ly 1	S'ly 1	S. W. 3	Foggy	10, R'n	0	0.27	7th. Copious showers in the afternoon; wind brisk S'ly and S.W. Cleared in evening; wind more to W'ly.
S 8	29.50	29.74	29.85	31	30	24	28.3	N. W. 4	N. W. 4	N. W. 2	0	0	0		8th. Very blustering, wind cutting.
9	30.07	29.96	29.87	22	33	28	27.7	N. W. 1	S. W. 2	N. W. 1	0	3	0		9th. Eclipse of the sun; began at 3h. 45m. 12s. P. M., mean time.
10	...	...	29.99	...	...	24	...	...	...	N. W. 1	...	...	0		10th. Very pleasant.
11	29.98	29.91	29.69	21	25	22	22.7	N'ly 2	N. E. 3	N. E. 4	10	10	Snow	0.33	11th. Very raw and cold. Began to snow about sunset.
12	29.63	29.68	29.74	24	34	22	26.7	N. W. 2	N. W. 1	N. W. 1	10	10	10		12th. Three or four inches of dry snow on the ground at sunrise. Very much drifted.
13	29.71	29.70	29.50	20	37	33	30.0	N'ly 1	E'ly 1	E'ly	10	10	Rain, 6		13th. Mild. Sprinkling of rain in the afternoon.
14	29.43	29.37	29.39	32	38	34	34.7	N. W. 1	W'ly 1	W'ly 1	10	5	0		14th. Mild.
S 15	29.40	...	29.40	30	...	32	...	W'ly 1	...	W'ly	0	...	3		15th and 16th. Pleasant.
16	29.41	29.36	29.33	25	33	26	28.0	N. W. 1	S. W'ly	N. W.	0	2	0		17th. Cold. Flurry of snow during the night.
17	29.37	29.40	29.45	22	26	22	23.3	N. W. 1	N. W. 2	N. W. 2	0	2	0		18th. Cold. Pretty severe wind.
18	29.53	29.60	29.74	20	22	19	20.3	N. W. 1	N. W. 3	N. W. 2	3	0	6		19th. Pleasant.
19	29.71	29.68	29.69	24	33	29	28.7	W'ly 1	W'ly 1	W'ly 1	5	3	10		20th. Very fine.
20	29.67	29.80	29.82	22	29	18	23.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		21st. Pleasant. Began to snow very moderately at about 9 P. M.
21	29.82	29.76	29.65	14	31	32	24.7	N. W. 1	S. W. 2	E'ly 2	0	4	Snow		
S 22	29.54	29.46	29.36	39	47	46	44.0	S'ly 1	S'ly 2	S'ly 1	5	Rain	8	0.75	22d. Very mild. Dashes of rain from noon to 1 P. M.; also, rain during the night.
23	28.99	28.80	28.61	44	45	36	41.7	E'ly 1	S'ly 0	W'ly 3	Foggy	Foggy	9		23d. Very calm, and dense fog in the morning. Dark, dense fog in the afternoon, with dashes of rain. Wind freshened at S. W. towards sunset; high and blustering during the night, and hauled round to N. W. Barometer continued falling till 10½ P. M., when it became stationary at 28.71, and soon began to rise; at midnight, stood at 28.76.
24	29.19	29.49	29.71	28	35	34	32.3	N. W. 3	N. W. 3	W'ly 1	2	0	0		24th. At sunrise, barometer 29.10; weather blustering, which continued during the day, but mild in the evening.
25	29.81	29.83	29.74	30	44	39	37.7	S. W. 2	S. W. 3	S. W. 1	3	4	2		25th and 26th. Mild and pleasant.
26	29.71	29.67	29.53	43	51	44	46.0	S. W. 3	S. W. 2	S'ly 1	8	3	7		27th. Moderate rain in the morning. Snow in the afternoon and evening.
27	29.49	29.46	29.35	44	34	26	34.7	N'ly 1	N. E. 2	N. E. 2	10	Rain	Snow	0.75	28th. In the morning, the ground covered with six or seven inches of compact snow, and a good deal drifted.
28	29.36	29.45	29.64	20	24	16	20.0	N'ly 2	N. W. 2	N. W. 1	Snow	8	0		29th. Pleasant.
S 29	29.76	29.79	29.91	12	29	25	22.0	N. W. 1	W'ly 2	N. W. 1	0	0	0		30th. Mild.
30	29.82	29.45	29.51	22	42	40	34.7	S. W'ly 1	S. W. 2	N'ly 2	10	3	0		
31	29.64	29.71	29.80	36	37	28	33.7	W'ly 1	W'ly 3	N. W.	0	0	0		
Means	29.66	29.66	29.65	29.3	37.0	32.0	...	1.5	1.8	1.6	5.5	5.5	4.6	2.75	
									1.6			5.2			
REDUCED TO SEA LEVEL.															
Max.	30.48	30.42	30.42	46	56	54	54.0								
Min.	29.17	28,98	28.79	12	22	16	20.0								
Mean	29.84	29.84	29.83												
Range	1.31	1.44	1.63	34	34	38	34.0								
Mean of month			29.837	...	...	...	32.8								
Extreme range			1.69	...	...	...	44.0								

Prevailing winds from some point between—	Days.
N. & E.	6
E. & S.	1
S. & W.	7
W. & N.	17

	Days.
Clear	9
Variable, Cloudy	12
Rain or snow fell on	10

January, 1845.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.49	29.55	29.55	38	44	37	39.7	S'ly	N. W.	N. W.	10	0	0		
2	29.73	...	29.92	26	...	23	...	N. W.	...	N. W.	0	...	0		6th. Began to snow about 9 P. M. Five or six inches of damp snow fell during the night, and it then turned to rain.
3	30.05	30.00	29.79	17	32	35	28.0	N. W. 2	E'ly 1	S. E'ly 2	0	5	10		7th. Moderate rain in the morning, with mist.
4	29.51	29.61	29.70	40	42	39	40.3	S. W'ly 2	W'ly 3	W'ly 1	9	0	10		8th. Evening very clear and mild.
S 5	29.54	29.41	29.52	38	43	38	39.7	N. W. 1	W'ly 2	W'ly 1	7	0	10		9th. Cloudy and sprinkling of rain and snow in the morning; wind S.W. Evening clear; wind N. W., and brilliant aurora with corruscations or needles.
6	29.79	29.82	29.82	30	31	30	30.3	N. E. 1	N. E. 2	N. E. 3	10	10	Snow	1.00	10th, 11th, and 12th. Very fine.
7	29.57	29.39	29.39	32	38	34	34.7	N. E. 2	N. E. 2	N. E. 1	Rain	Misty	Misty		13th. Cloudy. Began to snow very gently from 10 to 11 A. M; wind S. W. Wind came to E'ly and N. E., and increased in the evening.
8	29.69	29.69	29.81	31	37	29	32.3	N. W. 1	W'ly 2	W'ly 2	8	10	0		14th. Two or three inches of light snow on the ground.
9	29.89	29.75	29.72	26	38	36	33.3	N.W'ly 1	S. W. 1	N. W. 2	6	Rain	0		15th. Mild. Ground covered with light snow.
10	29.69	29.68	29.71	38	36	30	34.7	N. W. 2	N. W. 2	N. W. 1	2	3	0		16th. Moderate rain at intervals through the day.
11	29.63	29.56	29.52	28	36	28	30.7	N. W. 1	N. W. 1	N. W. 2	10	0	0		17th. Rain and mist in the morning. Rain in the evening.
S 12	29.42	29.41	29.49	26	32	26	28.0	N. W. 2	N. W. 1	N. W. 1	10	2	0		18th. Grew cold fast towards night. The trees loaded with ice.
13	29.54	29.40	29.41	26	27	18	23.7	N. W. 1	E'ly 2	N. E. 3	8	Snow	Snow	0.20	19th. Cold.
14	29.76	29.85	29.95	12	25	14	17.0	N. W. 1	N. W. 1	N. W.	3	0	0		20th. Rather raw.
15	30.08	29.96	29.97	18	42	39	33.0	N. E. 2	S. W. 2	S. W. 1	Snow	10	10		21st. Mist nearly all day, which froze as it fell. Snow towards evening. Trees heavily loaded with ice.
16	29.94	29.95	29.95	37	33	32	34.0	S. W. 1	N. E. 2	N. E. 2	Rain	Rain	Rain	0.50	22d. Pleasant. Cloudless night.
17	29.80	29.75	29.45	30	37	30	32.3	N. E. 1	N. E. 1	N. E. 1	Misty	Misty	Rain		23d. Very fine.
18	29.47	29.64	30.10	34	26	9	23.0	N'ly 2	N. W. 2	N. W. 2	10	0	0		24th. Wind came to S. E'ly in the morning. Moderate rain in the afternoon. Heavy wind and rain in the evening. Ground quite bare of snow.
S 19	30.23	30.26	30.21	7	16	20	14.3	N. W. 1	N. W. 1	N. W. 1	0	0	10		25th. Rainy.
20	30.05	29.95	29.86	23	34	30	29.0	N.W'ly 1	N. W. 1	N'ly 2	10	Misty	Misty		26th. Variable.
21	29.61	29.42	29.51	29	30	26	28.3	N. E. 2	N. E'ly 2	N'ly 1	Misty	Misty	10		27th. Very fine. Evening clear and mild.
22	29.65	29.75	30.00	28	32	25	28.3	N'ly 2	N. W. 2	N. W. 1	3	2	0		28th. Very mild. Foggy towards night.
23	29.21	30.24	30.26	20	34	26	26.7	N. W. 1	N. W. 1	N. W. 1	0	0	0		29th. Very fine.
24	30.09	29.92	29.59	27	40	44	37.0	N. W. 1	S. E. 1	S. E. 4	10	Rain	Rain	1.50	30th Blustering in the afternoon and colder.
25	29.22	29.12	29.14	49	50	41	46.7	S. E. 4	S. W. 2	N. E'ly 2	Rain	4	Rain		31st. Very cold and very severe in the evening.
S 26	29.39	29.49	29.69	40	37	32	36.3	N. W. 2	N. W. 2	N. W. 2	10	8	10		
27	29.86	29.85	29.89	28	41	35	34.7	N. W. 2	N. W. 2	N. W. 1	0	0	0		
28	29.90	29.82	29.73	31	41	36	36.0	N. W. 2	S. W. 2	S. W. 2	0	5	10		
29	29.60	29.63	29.74	37	39	32	36.0	S. W. 1	N. W. 3	N. W. 2	Foggy	0	0		
30	29.74	29.70	29.75	29	28	19	25.3	N. W. 1	N. W. 3	N. W. 2	0	4	0		
31	29.71	29.64	29.84	13	21	8	14.0	N'ly	N. W. 2	N. W. 3	0	0	0		
Means	29.70	29.71	29.74	28.6	34.4	30.7	...	1.5	1.7	1.8	6.3	4.8	5.2	3.20	
									1.7			5.4			
REDUCED TO SEA LEVEL.															
Max.	30.41	30.44	30.44	49	50	44	46.7								
Min.	29.39	29.30	29.32	7	16	8	14.0								
Mean	29.88	29.89	29.92												
Range	1.02	1.14	1.12	42	34	36	32.7								
Mean of month			29.897	...	...	...	30.7								
Extreme range			1.14	...	...	...	43.0								

Prevailing winds from some point between—	Days.
N. & E.	6
E. & S.	2
S. & W.	5
W. & N.	18

	Days.
Clear	7
Variable, Cloudy	14
Rain or snow fell on	10

February, 1845.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.98	29.97	29.98	3	13	7	7.7	N. W. 3	N. W. 2	N. W. 2	0	0	0		2d. Cold, but fine.
S 2	30.06	30.01	30.04	2	13	7	7.3	N. W. 2	N. W. 2	N. W. 2	0	0	0		3d. Cold, but fine. Ground continues bare of snow.
3	30.15	30.12	30.06	2	20	15	12.3	N. W. 2	N. W. 1	N. W.	0	0	2		
4	29.88	29.59	28.97	15	24	27	22.0	N. E. 2	N. E. 3	N. E. 4	10	Snow	Snow	1.00	4th. Began to snow at 8 or 9 A. M. Storm increased in violence all day. Wind very heavy in the evening N. E. and then E'ly. During the night, wind came round to S. W., and the storm ceased.
5	28.71	28.70	28.82	28	32	18	26.0	S. W. 2	S. W. 2	W'ly 2	10	10	0		5th. Snow badly drifted, equal, perhaps, to ten inches on the level, hard packed. Flurry of snow during the night.
6	29.07	29.18	29.42	13	18	10	13.7	N. W. 2	N. W. 2	N. W. 2	5	0	10		
7	29.54	29.63	29.76	5	16	16	12.3	N. W. 2	N. W. 2	N. W. 1	3	0	0		6th. Appearances of further storm at 10 P. M.
8	29.85	29.81	29.86	12	25	16	17.7	S. W. 1	S. W. 1	N. W. 1	2	6	9		7th. Cold morning, but fine.
S 9	29.86	29.80	29.79	12	24	14	16.7	N. W. 1	N. W. 2	N. W. 1	0	0	0		8th and 9th. Fine.
10	29.84	29.81	29.77	9	24	20	17.7	N. W. 1	N. W. 1	S. W. 1	0	0	2		10th. Very pleasant.
11	29.60	29.60	29.60	27	38	33	32.7	S. E'ly 2	S. E'ly 1	S. E'ly 1	Snow	10	10	0.10	11th. From one to two inches of light snow in the morning. Flurry of snow in the evening.
12	29.42	29.25	29.53	36	44	32	37.3	S. W. 1	S. W. 1	W'ly 1	Foggy	10	0		12th. Moderate rain in the morning. Clear in the evening.
13	30.04	30.07	30.21	8	13	6	9.0	N. W. 3	N. W. 2	N. W. 2	0	0	0		13th. Very clear and very cold.
14	30.26	30.31	30.17	6	26	28	20.0	N'ly 1	N'ly 1	N. E'ly 1	10	10	Snow		14th. Began to snow moderately at 2 P. M., and continued through the afternoon.
15	29.98	29.93	29.89	30	33	33	32.0	N. E'ly 1	N. E'ly 1	N. E'ly 1	Misty	Misty	Rain	0.75	15th. Mist and fog during the day. Heavy dashes of rain in the evening.
S 16	29.69	29.59	29.56	44	45	36	41.7	S. W. 2	S. W. 1	S. W. 1	Misty	Rain	0		16th. Mist, with occasional light rain. Clear and very pleasant in the evening.
17	29.62	29.57	29.63	34	44	37	38.3	S. W. 1	S. W. 1	S. W. 1	5	0	8		17th. Very mild and pleasant.
18	29.72	29.73	29.83	31	41	32	34.7	N. W. 1	N. W. 1	N. W. 1	0	0	0		18th and 19th. Very fine.
19	30.00	29.99	30.03	31	44	34	36.3	N. W. 1	S. W. 1	S. W. 1	0	8	3		20th. Mild.
20	29.89	29.85	29.82	34	45	41	40.0	S'ly 1	S'ly 1	S. W. 1	10	5	5		21st. Very mild.
21	29.74	29.71	29.67	41	50	39	43.3	S'ly 1	S'ly 1	S'ly 1	Foggy	5	Foggy		22d. Pleasant.
22	29.75	29.73	29.86	37	51	40	42.7	S'ly 0	N. W. 2	N. W. 1	Foggy	2	10	0.85	23d. Heavy thundershower at 2 P. M.; wind W'ly. Wind came again to E'ly, with rain.
S 23	29.82	29.61	29.39	38	43	46	42.3	N. E. 2	S. E. 3	S. E'ly	Misty	Rain	Rain		24th. Very fine.
24	29.50	29.53	29.61	37	47	39	41.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		25th. Very fine. Aurora in the evening.
25	29.69	29.64	29.61	37	52	40	43.0	N. W. 2	S. E'ly 2	S. W. 1	0	0	0		26th. Very fine. Gust of wind, with dashes of rain, at 9 P. M. Cleared soon.
26	29.50	29.46	29.51	36	53	36	41.7	S'ly 1	S. E'ly 2	N. W. 2	0	3	0		27th and 28th. Pleasant.
27	29.61	29.56	29.54	30	45	35	36.7	N. W. 2	N. W. 2	N. W. 2	0	5	10		
28	29.57	29.55	29.65	30	37	28	31.7	N. W. 2	N. W. 3	N. W. 2	2	8	0		
Means	29.72	29.69	29.70	23.9	34.3	27.3	...	1.6	1.6	1.4	4.5	4.4	4.6	2.70	
									1.5			4.5			
REDUCED TO SEA LEVEL.															
Max.	30.44	30.49	30.39	41	53	46	43.3								
Min.	28.89	28.88	29.00	2	13	6	7.3								
Mean	29.90	29.87	29.88												
Range	1.55	1.61	1.39	39	40	40	36.0								

Prevailing winds from some point between—	Days.
N. & E.	3
E. & S.	4
S. & W.	8
W. & N.	13

	Days.
Clear	11
Variable, Cloudy	8
Rain or snow fell on	9

Mean of month	29.883
Extreme range	1.61

March, 1845.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.65	29.61	29.69	27	48	34	36.3	N. E. 2	W'ly	W.	10	5	0		3d. Squall of rain from N. W. at 11 A. M. Clear in the afternoon, with wind blustering from N. W.
S 2	29.85	29.78	29.67	30	44	37	37.0	S. E.	S'ly	S'ly	10	10	10		4th. Very mild.
3	29.28	29.39	29.83	50	46	32	42.7	S. W.	N. W.	N. W. 2	10	5	0		5th. Rain and heavy wind in the morning. Clear in the evening.
4	30.06	30.02	29.99	28	44	36	36.0	N. W.	N. E. 2	N. E. 1	0	5	8		6th. Very pleasant.
5	29.56	29.10	...	35	52	...	...	E'ly 2	S'ly 4	...	Rain	Rain	...	1.33	7th. Pleasant.
6	29.71	29.86	29.99	38	47	36	40.3	N. W. 2	N. W. 3	N. W.	0	0	0		8th. Mild.
7	29.99	29.94	29.95	31	53	34	39.3	N. E. 1	S'ly 2	N. E. 2	0	0	2		9th. Moderate rain in the morning.
8	29.84	29.75	29.70	36	43	39	39.3	N. E. 1	N. W. 1	S'ly 1	Foggy	10	2		10th. Began to snow moderately at 5 P. M.; wind E'ly.
S 9	29.59	29.59	29.74	41	36	36	37.7	N. E. 1	N. E. 2	N. W. 1	Misty	Rain	3	0.25	11th. Snowed fast from early in the morning to 2 P. M., seven or eight inches, rather damp. Clear in the evening.
10	29.87	29.79	29.69	33	44	31	36.0	N'ly 1	N. E. 2	N. E. 2	10	10	Snow		12th. Pleasant overhead.
11	29.56	29.72	29.93	28	27	20	25.0	N. E. 2	N. E. 3	N. W. 1	Snow	Snow	0	0.75	13th. Very pleasant.
12	30.08	30.06	30.03	15	38	27	26.7	N. W. 1	E'ly 1	N. W. 1	0	0	0		14th. Moderate rain all day.
13	30.02	29.99	30.00	25	46	35	35.3	N. W. 1	S. W. 1	S. W.	0	2	3		15th. Pleasant. Cool in the evening.
14	29.83	29.60	29.35	34	38	37	36 3	E'ly 2	E'ly 2	E'ly 1	Snow	Rain	Misty	1.00	16th. Raw and cold.
15	29.44	29.49	29.58	34	35	25	34.7	N. W. 2	N. W. 4	N. W. 1	10	0	0		17th. Extraordinary halos about the sun were seen this morning at 7 o'clock.
S 16	29.45	29.33	29.33	24	32	24	26.7	N. W. 2	W'ly 3	N. W. 1	0	10	2		18th. Raw towards night, with some snow. Flurry of snow in the night.
17	29.20	29.14	29.22	25	40	30	31.7	S. W. 1	S. W. 2	W'ly 1	3	7	3		19th. Ground covered with snow. Cold and blustering.
18	29.31	29.31	29.30	28	39	34	33.7	W'ly 1	W'ly 2	E'ly 2	0	5	10		20th. Very blustering and raw.
19	29.44	29.43	29.46	24	30	26	26.7	N. W. 1	W'ly 3	W'ly 2	0	5	5		21st. Very blustering and uncomfortable.
20	29.43	29.40	29.53	24	35	32	30.3	W'ly 2	W'ly 3	N. W. 3	0	9	10		22d. Pleasant. Evening perfectly clear and transparent.
21	29.61	29.62	29.77	28	30	22	26.7	N. W. 3	N. W. 3	N. W. 1	3	0	0		23d. Pleasant in the morning. Wind raw in the afternoon. Appearances of rain in the evening. Showers during the night.
22	29.82	29.78	29.81	20	39	34	31.0	N. W. 3	N. W. 2	N. W. 1	0	0	0		24th. Pleasant.
S 23	29.81	29.79	29.63	32	50	42	41.3	N. W. 1	S. W. 2	S. W. 3	0	3	10	0.20	25th. Blustering. Very clear evening.
24	29.52	29.56	29.64	38	47	39	41.3	S. W. 1	S. W. 2	W'ly 2	10	7	10		26th. Raw in the afternoon.
25	29.75	29.81	29.99	36	40	31	35.7	N. W. 2	N. W. 4	N. W. 1	5	0	0		27th. Very fine, mild, and warm.
26	30.16	30.09	30.01	26	41	37	34.7	N. W. 1	S'ly 2	S'ly 2	0	0	10		28th. Very warm from 10 A. M. to 3 P. M. Wind came to N. E. from 3 to 4 P. M., and grew cool fast.
27	29.83	29.78	29.88	40	62	45	49.0	S. W. 2	S. W. 2	S. W. 1	10	2	0		29th. Rather raw.
28	29.81	29.78	30.05	41	70	39	50.0	S. E. 1	S. E'ly 1	N. E. 2	7	6	10		30th and 31st. Very pleasant.
29	30.10	30.08	30.00	38	51	41	40.0	N. E. 1	N. E. 1	E'ly 1	Foggy	10	Foggy		
S 30	30.04	29.99	30.08	41	59	47	49.0	S. E. 2	W'ly 3	S. W. 1	Hazy	0	0		
31	30.15	30.08	29.94	44	63	50	52.3	N'ly 1	S. W. 2	S. E. 1	Foggy	2	2		
Means	29.79	29.70	29.76	32.1	44.0	34.4	...	1.5	2.3	1.5	5.4	5.0	4.3	3.53	
									1.8			4.9			
REDUCED TO SEA LEVEL.															
Max.	30.34	30.27	30.26	50	70	50	52.3								
Min.	29.38	29.28	29.40	15	27	20	26.7								
Mean	29.91	29.88	29.94												
Range	0.96	0.99	0.86	35	43	30	25.6								

Prevailing winds from some point between—	Days.
N. & E.	5
E. & S.	5
S. & W.	9
W. & N.	12

	Days.
Clear	7
Variable, Cloudy	16
Rain or snow fell on	8

Mean of month	29.910
Extreme range	1.06

April, 1845.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (DIRECTION AND FORCE.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (TENTHS CLOUDY.) At 6 A. M.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
1	29.61	29.43	29.49	51	55	...	...	S. W. 1	S'ly 2	...	10	Rain	...	0.48	1st. Heavy shower at 2 P. M.
2	29.55	29.64	29.62	...	52	45	...	...	S. W. 2	S. W. 2	...	10	10		2d. Dashes of rain in the evening.
3	29.70	29.74	29.81	38	42	32	37.3	W'ly 2	N. W. 4	N. W. 1	2	0	0		3d. Very blustering. Light fall of snow during the night.
4	29.47	29.28	29.48	34	59	41	44.7	S. E. 3	W'ly 3	N. W. 1	10	0	0		4th. Ground covered with snow in the morning, which soon disappeared.
5	29.64	29.61	29.74	32	43	35	36.7	N. W. 2	N. W. 3	N'ly 2	0	5	6		5th. Rather blustering.
S 6	29.76	29.73	29.73	30	45	34	36.3	N. E. 1	S. E. 2	S. E. 1	10	5	0		6th. Raw and cold.
7	29.74	29.70	29.61	38	49	40	42.3	S. W. 2	S. W. 2	S. W. 2	10	9	5		7th. Raw and unpleasant. Some dashes of rain, mixed with hail, in the morning. Flurry of snow during the night.
8	29.50	29.44	29.41	33	34	30	32.3	N'ly 1	N. W. 2	N. W. 4	10	10	0		8th. Ground covered with snow in the morning. Air full of snow during a large part of the day, which, with a strong wind, has been truly wintry.
9	29.56	29.73	29.74	30	42	35	35.7	N. W. 3	N. W. 3	N. W. 1	5	0	0		9th. More pleasant.
10	29.50	29.34	29.36	40	41	46	42.3	S. W. 2	S. W.	S. W. 1	10	Rain	0		10th. Very light showers. Clear in the evening.
11	29.42	29.46	29.66	36	44	32	37.3	N. W. 2	N. W. 2	N. W. 2	0	10	0		11th. Variable. Dashes of rain in the afternoon; wind at N. W. Very clear in the evening.
12	29.74	29.76	29.66	31	40	...	...	N. W. 2	N. W. 1	...	0	...	...		
S 13	29.70	29.42	29.36	38	52	44	44.7	S. W. 2	S'ly 2	S. W. 4	...	...	...		
14	29.74	29.75	29.77	44	54	44	47.3	N. W. 1	N. W. 1	N. W. 2	...	...	...		
15	29.78	29.72	29.77	44	62	44	50.0	N. W. 1	N. W. 2	N. W. 1	...	...	...		
16	29.62	29.61	29.77	42	52	37	44.7	E. 1	S. E. 2	N. E. 2	...	...	Rain	} 1.10	16th. Rain during the night.
17	29.80	29.85	29.95	37	37	37	37.0	N. E. 2	N. E. 3	N. E. 2	Rain	Misty	10		17th. Rain in the morning. Cloudy in the afternoon.
18	30.02	30.02	30.02	38	52	40	43.3	N. E. 2	N. E. 2	N. E.	10	10	10, Shr.	0.40	18th. Cloudy, with some mist. Showers during the night.
19	29.89	29.78	29.75	38	55	39	44.0	N. E. 1	S'ly 1	N. E. 1	Misty	10	10	0.22	19th. Mild. Showers during the night.
S 20	29.74	29.73	29.77	38	47	37	40.7	N. E. 1	N. E. 1	N. E. 2	10	10	10		20th. Rather raw.
21	29.73	29.71	29.69	38	50	48	45.3	N. E. 2	N. E. 3	N'ly 2	10	10	10		21st. Variable.
22	29.74	29.79	29.82	44	61	46	50.3	N. W. 2	N. E. 3	N. E. 2	0	0	0		22d, 23d, and 24th. Very pleasant.
23	29.88	29.83	29.82	43	61	44	49.3	N. W. 2	S. E. 2	S'ly 1	0	0	0		
24	29.80	29.79	29.66	46	72	51	56.3	S'ly 2	S'ly 2	S'ly 2	5	2	2		25th. Very pleasant. Shower, with thunder, during the night.
25	29.78	29.78	29.77	53	59	49	53.7	E'ly 1	N. E. 2	S'ly 2	5	8	10, Shr.	0.14	26th. Rather raw.
26	29.73	29.78	29.84	40	55	41	45.3	N. E. 2	N. E. 2	N. E. 2	10	10	10		27th. Rather milder. Fog and appearances of rain.
S 27	29.73	29.80	29.65	43	58	52	51.0	S. E'ly 2	S'ly 2	S'ly 1	Foggy	10	10		28th. Very pleasant.
28	29.71	29.72	29.82	52	71	54	59.0	N'ly 1	N. W. 2	S. W. 1	6	2	10		29th. Wind came from N'ly to N. E., and grew cooler from 8 to 10 A. M.
29	29.79	29.92	30.06	52	...	38	...	N'ly 2	...	N. E. 1	8	...	0		30th. Pleasant.
30	30.15	30.10	30.04	36	59	44	46.3	N. E. 1	S. E. 3	S. E. 1	0	3	5		
Means	29.72	29.70	29.72	39.7	51.6	42.1	...	1.7	2.2	1.7	6.0	6.0	5.1	2.34	
									1.9			5.7			
REDUCED TO SEA LEVEL.															
Max.	30.33	30.28	30.24	52	72	54	59.0								
Min.	29.60	29.46	29.54	30	34	30	32.3								
Mean	29.90	29.88	29.90												
Range	0.73	0.82	0.70	22	38	24	26.7								
Mean of month		29.893		...	...	...	44.6								
Extreme range		0.87		...	...	...	42.0								

Prevailing winds from some point between— Days.

N. & E.	9
E. & S.	6
S. & W.	6
W. & N.	9

	Days.
Clear	6
Variable, Cloudy	9
Rain fell on	11

(4 days omitted.)

May, 1845.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	...	...	29.56	...	...	51	...	...	...	S'ly	...	...	8		1st, 2d, and 3d. Pleasant.
2	29.53	...	29.81	55	...	51	...	N. W. 2	...	W'ly 2	4	...	0		4th. Appearances of rain this evening.
3	29.83	29.79	29.78	44	70	54	56.0	N. W. 2	W'ly 3	S. W. 2	0	0	9		5th. Mild, with appearances of rain.
S 4	29.75	29.70	29.60	55	65	60	60.0	S. W. 2	S. W. 3	S. W. 3	10	2	10		6th. Pleasant. The sun rose eclipsed. The eclipse, by observation, ended at 5 h. 14 m. 52 s. A. M., mean time. The atmosphere was quite clear.
5	29.64	29.71	29.79	59	59	50	56.0	S. W. 2	W'ly 3	W'ly 1	10	10	5		
6	29.85	29.80	29.66	41	61	47	49.7	N. W. 1	S. E. 2	S'ly 1	3	1	2		7th. Pleasant. Sprinkling of rain at sunrise. Cleared in the morning.
7	29.50	29.45	29.49	46	67	59	57.3	S. W. 2	S'ly 3	S'ly 2	Rain	3	10		
8	29.64	29.72	29.83	37	46	41	41.3	N. W. 2	N. E. 3	N. W. 1	Rain	10	0		8th. Air very raw and cold in the morning, with sprinkling of rain mixed with snow. Cleared about 3 P. M. The transit of Mercury occurred this day, beginning about 11 h. 34 m. A. M.—not observed in consequence of clouds. Observed ending—third contact, 6 h 1 m. 44 s.; fourth and last contact, 6 h. 5 m. 14 s., mean time at Providence. Observed with a four-foot refractor. Air clear.
9	29.87	29.86	30.05	37	54	41	44.0	N. W. 1	N. W. 2	N. E. 1	2	3	0		
10	30.22	30.19	30.13	37	59	44	46.7	N. E. 1	S. E. 2	S'ly 3	0	0	0		
S 11	29.96	29.86	29.79	46	77	68	63.7	S. W. 2	S. W. 2	S. W. 3	0	0	2		
12	29.80	29.75	29.74	63	89	72	74.7	S. W. 1	S. W. 3	W'ly 2	0	3	2		
13	29.85	29.84	29.82	50	74	57	60.3	N. E. 2	N. E. 2	E'ly	0	6	Hazy		
14	29.72	29.63	29.49	60	70	59	63.0	S. W. 2	S'ly 2	S'ly 2	5	5	10		9th. White frost in the College yard—not very copious.
15	29.39	29.35	29.50	57	67	47	57.0	S. W. 2	S'ly 2	N. W. 2	Rain	10	10	0.25	10th. White frost. Air raw and cool in the evening.
16	29.61	29.70	29.74	39	41	43	41.0	N. E'ly 2	N. E. 2	N. E. 3	Rain	Rain	10		
17	29.72	29.65	29.65	41	42	42	41.7	N. E. 4	N. E. 5	N. E. 4	10	Rain	Rain	} 1.30	11th. Very warm; the ground very dry.
S 18	29.54	29.53	29.49	43	52	50	48.3	N. E. 3	N'ly 2	S'ly 1	Rain	10	10		12th. Excessively hot for the season.
19	29.55	29.56	29.60	52	75	57	61.3	S. W. 1	W'ly 3	W'ly 2	10	3	4, Sh'r	0.13	13th. Warm. Very dry, and no signs of rain.
20	29.64	29.63	29.65	54	64	53	57.0	S. W. 2	S. E. 2	W'ly 2	3	10	8, Sh'r	0.12	14th. Some indications of rain.
21	29.71	29.71	29.79	52	66	54	57.3	W'ly 1	W'ly 3	W'ly 1	7	2	0		15th. Light showers at sunrise, with thunder. Occasional sprinkling.
22	29.79	29.75	29.63	53	64	52	56.3	W'ly 2	S'ly 3	S'ly 2	2	10	Rain	0.95	
23	29.63	29.64	29.64	47	64	52	54.3	N. E. 2	W'ly 2	S. W. 1	10	9	9		
24	29.60	29.54	29.62	48	61	46	51.7	N. W. 1	N'ly 2	N. W. 3	0	5	0		24th. Light frost in some places in the vicinity.
S 25	29.63	29.59	29.63	40	44	44	42.7	N. W. 2	W'ly 2	N. W. 1	0	Rain	0	0.05	25th. Showery and cold. Snowed briskly for fifteen or twenty minutes between 10 and 11 A. M.
26	29.60	29.44	29.51	45	63	58	55.3	W'ly 3	W'ly 4	W'ly 2	5	2	Shower	0.05	26th. Light shower at 9 P. M.
27	29.71	29.70	29.71	52	67	56	58.3	W'ly 2	S. W. 2	S'ly 2	0	0	0		27th. Very pleasant.
28	29.76	29.63	29.63	58	73	57	62.7	S. W. 2	S. W. 4	S. W. 2	2	0	0		28th. Very blustering and dusty.
29	29.55	29.53	29.64	58	64	47	56.3	S. W. 2	S. W. 2	N. W. 2	10	Rain	10		29th. Occasional dashes of rain.
30	29.72	29.80	29.93	42	55	43	43.3	N'ly 2	N. W. 2	N. W. 2	8	0	0		30th. Fine, but rather cool.
31	30.02	29.99	29.93	42	64	49	51.7	N. W. 1	N. W. 1	S. W.	0	0	0		
Means	29.71	29.69	29.70	48.5	62.6	51.7	...	1.9	2.5	2.0	5.0	5.0	5.0	2.75	
									2.1			5.0			
REDUCED TO SEA LEVEL.															
Max.	30.40	30.37	30.31	63	89	72	74.7								
Min.	29.57	29.53	29.67	37	41	41	41.0								
Mean	29.89	29.87	29.88												
Range	0.83	0.84	0.64	26	48	31	33.7								
Mean of month		29.880		...	...	...	54.3								
Extreme range		0.87		...	...	...	52.0								

Prevailing winds from some point between— Days.

N. & E.	6
E. & S.	3
S. & W.	15
W. & N.	7

	Days.
Clear	7
Variable, Cloudy	12
Rain fell on	17

June, 1845.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
S 1	29.91	29.85	29.83	53	67	58	59.3	S. W.	S. W.	S. W.	0	0	0		1st to 4th. Very fine.
2	29.84	29.82	29.88	54	79	62	65.0	S. W.	W'ly 3	S. W. 2	Hazy	0	0		5th. Appearances of thunder and rain in the afternoon. Ground dry.
3	29.90	29.85	29.84	57	80	62	66.3	S. W. 2	S. W. 2	S. W. 2	0	0	0		6th. A good deal of haze.
4	29.81	29.77	29.74	59	80	62	67.0	S. W. 1	S. W. 2	S. W. 2	2	0	0		7th. Very fine.
5	29.68	29.59	29.67	60	81	65	68.7	S. W. 2	S. W. 3	N. W. 1	2	2	0		8th. Very hot sun. Thunder, and appearances of rain at the S. W., at 7 A. M.
6	29.83	29.78	29.75	57	73	60	63.3	N. W. 1	S. W. 2	N. W. 2	6	7	5		9th. Very hot, and fresh wind at W'ly.
7	29.82	29.83	29.81	53	70	59	60.7	N. W. 1	N. W.	S. W. 2	0	0	0		10th. Very hot.
S 8	29.75	29.70	29.65	60	83	66	69.7	S. W. 2	S. W. 1	S. W. 1	5	0	0		11th. Fine rain in the morning. Clear in the evening.
9	29.63	29.60	29.67	72	90	71	77.7	S. W. 2	W'ly 3	S. W. 1	0	0	0		12th. Appearances of rain in evening. Thunder-shower during the night.
10	29.73	29.75	29.69	67	84	74	75.0	W'ly 1	S. W. 3	S. W. 2	2	2	8		13th. Very fine.
11	29.58	29.50	29.65	65	65	56	62.0	S'ly 2	N. W. 2	N. W. 1	Rain	10	0	0.48	14th. Light showers in the morning.
12	29.68	29.60	29.54	56	71	61	62.7	N. W. 1	S. W. 3	S. W. 2	0	5	10, Sh'r	0.58	15th. Morning cloudless and very transparent. Halo about the moon in the evening.
13	29.44	29.46	29.59	61	83	65	69.7	N. W. 2	N. W. 2	S. W. 1	4	2	0		16th. Very fine. Saw the comet this evening, at 9½ o'clock, in the N W., quite conspicuous and bright in the telescope, but not visible to the naked eye. Thundershower in the night.
14	29.56	29.52	29.68	65	62	63	63.3	S. W. 1	N. E. 2	W'ly 2	10	Rain	2	0.12	17th. Very fine. Evening very clear. Comet visible to the naked eye.
S 15	29.88	29.89	29.86	58	72	59	63.0	N. W. 2	N. W. 2	S. W. 2	0	0	5		18th. Very fine. Comet not visible on account of haze.
16	29.75	29.68	29.62	62	82	66	70.0	S. W. 2	W'ly 2	S. W. 2	Sh'r, 10	2	5, Sh'r	0.20	19th. Sprinkling of rain from 7 to 8 A. M. Clear in the afternoon. Comet visible, but diminished in brightness.
17	29.61	29.69	29.83	60	67	55	60.7	N. W. 1	N. W. 3	N. W. 3	10	0	0		20th. Very fine.
18	29.93	29.94	29.94	55	72	58	61.7	N. W. 2	N. W. 2	W'ly 1	0	3	3		21st. Showery from 10 A. M. to 1 P. M. Smart shower from 4 to 5 P. M.
19	29.96	29.94	29.94	58	72	57	62.3	W'ly 2	W'ly 1	S. W. 1	10	0	0		22d. Very fine.
20	29.95	29.84	29.79	57	72	59	62.7	S. W. 1	S. E. 3	S. W. 2	10	0	3		23d. Sprinkling of rain in the morning, with shower before noon.
21	29.59	29.51	29.59	60	72	59	63.7	S. W. 1	S. W. 2	N. E. 1	Foggy	Shower	3	0.30	24th. Fine shower from 7 to 8 P. M.
S 22	29.65	29.69	29.64	56	71	59	62.0	N'ly 1	N. W. 2	S'ly 1	0	0	0		25th. Very fine evening, very clear. The comet distinctly visible, being about 1° N. and W. of the star Nu in the Crab (γ Cancri), observed from 9½ to 10 P. M. This is the first good evening since the 19th.
23	29.54	29.53	29.54	59	67	62	62.7	S. W. 1	S. W. 1	S. W.	Sh'r, 0	10	2	0.12	26th. Fine. The comet visible this evening. Air clear.
24	29.54	29.50	29.48	63	83	65	70.3	S. W. 2	S. W. 3	S. W. 2	0	3	5, Sh'r	0.35	27th. Fine. The comet again visible, but quite faint.
25	29.56	29.56	29.60	61	74	61	65.3	N'ly 2	N. W. 2	N. W. 2	0	3	0		28th. Commenced raining very moderately from 7 to 8 P. M.
26	29.68	29.64	29.63	54	73	62	63.0	N. W. 1	S. W. 2	S. W. 1	0	0	0		29th. Fine, but cool.
27	29.63	29.61	29.65	56	75	63	64.7	N. W. 1	W'ly 3	N. W. 1	0	0	0		30th. Very cold for the season. Moderate rain in the evening.
28	29.65	29.60	29.52	55	79	61	65.0	S. W. 1	S. W. 1	S'ly 1	3	5	Rain	0.17	
S 29	29.59	29.59	29.69	57	68	52	59.0	N. E. 1	E'ly 2	N. E. 1	3	2	3		
30	29.70	29.73	29.73	52	58	50	53.3	N. E. 3	N. E. 3	N. E. 2	10	10	Rain		
Means	29.71	29.68	29.70	58.7	74.2	61.1	...	1.5	2.2	1.6	3.9	2.9	1.9	2.32	
									1.8			2.9			
REDUCED TO SEA LEVEL.															
Max.	30.14	30.12	30.12	72	90	71	77.7								
Min.	29.62	29.64	29.66	52	58	50	53.3								
Mean	29.89	29.86	29.88												
Range	0.52	0.48	0.46	20	32	21	24.4								
Mean of month			29.877	...	...	...	64.7								
Extreme range			0.52	...	...	...	40.0								

Prevailing winds from some point between—	Days.
N. & E.	3
E. & S.	1
S. & W.	17
W. & N.	9

	Days.
Clear	10
Variable, Cloudy	11
Rain fell on	9

July, 1845.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.71	29.73	29.75	49	62	54	55.0	N. E. 2	N. E. 1	E'ly 1	Misty	7	2	0.32	
2	29.80	29.72	29.67	56	61	63	60.0	S'ly 1	S'ly	S'ly 3	10	10	10, R'n	1.20	2d. Appearances of rain.
3	29.59	29.48	29.50	63	67	63	64.3	S'ly 1	S. W. 1	S'ly 1	Misty	Misty	Rain		3d. Heavy thundershower from 5 to 6 P. M. Rain continued in the evening.
4	29.55	29.59	29.61	56	70	62	62.7	N. W. 1	N. W. 1	N. W. 1	0	5	3		4th. Very fine.
5	29.71	29.68	29.72	56	72	60	62.7	N. W. 1	N. W. 2	W'ly	0	3	0		5th and 6th. Pleasant.
S 6	29.78	29.80	29.70	69	79	68	72.0	W'ly	W'ly	S. W.	2	2	0		7th. Very warm sun.
7	29.78	29.57	29.56	67	86	75	76.0	W'ly	S. W. 2	W'ly	0	1	2		8th. Very hot sun, with fine breeze at mid-day.
8	29.58	29.56	29.56	69	86	70	75.0	N. W. 1	N. W. 2	N. W. 1	0	2	0		9th. Very fine and cooler.
9	29.70	...	29.75	61	...	63	69.0	N. W. 2	...	N. W. 1	0	...	0		10th. Very fine.
10	29.86	29.82	29.78	56	78	65	66.3	N. W. 1	N. W. 2	W'ly 2	0	0	0		11th and 12th. Very hot sun.
11	29.68	29.62	29.56	63	86	74	74.3	W'ly 1	W'ly 2	S. W. 1	0	0	3		13th. Weather still hot.
12	29.65	29.49	29.41	72	89	76	79.0	S. W. 1	S. W. 2	S. W. 2	0	0	0		14th. Shower at 4 P. M., with heavy thunder and wind.
S 13	29.48	29.51	29.52	67	83	65	71.7	N. E. 2	N. E. 1	S. W. 1	0	0	2		15th. Very warm.
14	29.48	29.41	29.49	62	88	69	73.0	S. W'ly 1	S. W. 1	S. W. 1	2	3	5, Sh'r	0.33	16th. Appearance of thunder-clouds in the afternoon, but no rain.
15	29.50	29.48	29.53	70	84	74	76.0	S. W. 1	S. W. 3	S. W. 1	2	1	5		17th. Sprinkling of rain, with thunder, at 5 P. M.
16	29.56	29.56	29.56	72	89	73	78.0	N. E'ly	N. E'ly	S'ly 2	2	2	Foggy		18th. Very fine. Dew-point at 50° at 2 P. M.
17	29.51	29.46	29.50	72	83	74	76.3	S'ly 1	S. W'ly 3	W'ly 1	Foggy	2	0		19th. Fine.
18	29.57	29.60	29.60	74	83	69	75.3	N. W. 2	N. W. 3	N. W. 2	0	0	0		20th. Air damp. Appearances of rain.
19	29.83	29.82	29.81	60	76	67	67.7	N. W. 2	N. W. 1	S. W. 2	0	6	7		21st. Very hot. Dew-point 67° at 2 P. M.
S 20	29.78	29.72	29.68	62	75	67	68.0	S'ly 2	S'ly 3	S'ly 2	2	5	8		22d. Thundershower at 4 A. M. Dew-point 60° at 2 P. M.
21	29.59	29.54	29.51	70	87	74	77.0	S'ly 3	S. W. 3	S. W. 2	3	3	0		23d. Very fine. Dew-point 52° at 2 P. M. Abundance of lightning low down in the N. and E. during the evening.
22	29.47	29.36	29.41	70	82	68	73.3	S. W. 2	S. W. 3	N. W. 1	Rain	2	0	0.35	24th. Very fine.
23	29.43	29.43	29.50	63	75	60	66.0	N. W. 2	N. W. 3	N. W. 2	0	3	0		25th. Very fine. Pleasantly cool.
24	29.51	...	29.56	55	...	60	...	N. W. 2	...	N. W. 2	0	...	0		26th. Sprinkling of rain in the afternoon.
25	29.59	29.59	29.59	54	72	60	62.0	N. W. 1	N. W. 2	N. W. 1	3	2	0		27th. Dew-point 55°, thermometer 60°, and raining moderately at 9 A. M., which continued till 2 P. M., at which time the lower clouds were passing briskly from the N. E., while the upper ones were passing slowly from the west.
26	29.59	29.55	29.54	60	78	64	67.3	N. W'ly	S. W. 3	W'ly	0	5	0		
S 27	29.45	29.37	29.37	60	63	56	59.7	N. E. 2	E'ly 3	N'ly 1	10, R'n	8	0	0.33	28th. Thunder and appearances of rain in the afternoon.
28	29.34	29.31	29.39	58	75	60	64.3	N. W. 1	S. W. 2	N. W. 1	0	3	0		
29	...	29.44	29.44	...	72	66	...	...	W'ly	S. W.	...	5	10		
30	29.41	29.39	29.41	67	78	67	70.7	S. W.	S. W.	S'ly	10	8	10, R'n	0.57	
31	29.40	29.51	29.57	68	76	64	69.3	W'ly	W'ly	N. W.	10	5	0		
Means	29.59	29.56	29.57	63.5	77.8	66.1	...	1.5	2.1	1.5	3.2	3.6	2.8	3.10	
									1.7			3.2			
REDUCED TO SEA LEVEL.															
Max.	30.04	30.00	29.99	74	89	75	79.0								
Min.	29.52	29.49	29.55	49	61	54	55.0								
Mean	29.77	29.74	29.75												
Range	0.52	0.51	0.44	25	28	21	24.0								
Mean of month			29.753	...	...	...	69.1								
Extreme range			0.55	...	...	...	40.0								

Prevailing winds from some point between—	Days.
N. & E.	4
E. & S.	1
S. & W.	14
W. & N.	12

	Days.
Clear	12
Variable, Cloudy	13
Rain fell on	6

August, 1845.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.86	29.86	29.93	64	78	62	68.0	N. W.	N. W.	W.	0	1	0		1st, 2d, and 3d. Fine.
2	...	...	29.93	...	...	67	...	...	...	S'ly	...	...	5		
S 3	29.90	29.90	29.88	62	74	64	66.7	S. W. 1	S. W. 1	S'ly 1	10	7	0		
4	29.89	29.84	29.82	62	81	69	70.7	N. W. 1	W'ly 2	W'ly 1	0	0	0		4th. Very fine.
5	29.83	29.81	29.81	64	83	71	72.7	W'ly 1	S. W. 2	S'ly	0	4	0		5th and 6th. Very warm sun.
6	29.82	29.81	29.80	67	80	68	71.7	S. W. 1	S. W. 2	S'ly 1	7	0	0		
7	29.77	29.77	29.74	66	77	69	70.7	N. E. 1	S'ly 1	S'ly 1	Foggy	8	0		7th. Fine. Sprinkling of rain at 5 P. M.
8	29.73	29.72	29.72	66	80	68	71.3	S'ly 1	S. E'ly 2	S. W. 1	3	1	0		8th. Very burning sun.
9	29.73	...	...	69	...	...	...	S. W. 1	...	...	8	...	...		
S 10	...	...	...	...	...	...	...	...	...	...	...	...	...		
11	...	...	...	...	...	...	...	...	...	...	...	...	...	2.50	11th. Heavy rain nearly all day.
12	...	...	...	...	...	...	...	...	...	...	...	...	...		
13	...	...	...	...	...	...	...	...	...	...	...	...	...		
14	...	...	...	...	...	...	...	...	...	...	...	...	...		
15	...	...	...	...	...	...	...	...	...	...	...	...	...		21st. Began to rain about 5 A. M.
16	...	...	...	...	...	...	...	...	...	...	...	...	...		22d. Appearances of frost in many places in the vicinity. Grape-vine in my garden was slightly touched with frost.
S 17	...	...	...	...	...	...	...	...	...	...	...	...	...		23d. Showery in the afternoon.
18	...	...	...	...	...	...	...	...	...	...	...	...	...		24th. Very hot and sultry.
19	...	...	...	...	...	...	...	...	...	...	...	...	...		25th. Fine. Extraordinary meteor at 7 h. 50 m. P. M. This meteor was seen by many persons. It was followed by a report resembling the sound of a cannon, accompanied with a prolonged rumbling. The interval of time between the light and the report was probably (*i. e.*, from the best information I can collect) one minute, or from 1 m. to 1 m. 25 or 30 sec. I did not see it myself. It passed south of the zenith towards the east, and was seen in Norwich, New Haven, Slatersville, and various other places.
20	...	...	...	...	...	...	...	...	...	...	...	...	...		
21	...	...	...	...	...	...	...	...	...	...	...	...	...	1.46	
22	...	...	...	...	...	...	...	...	...	...	...	...	...	1.30	
23	...	...	29.70	...	...	73	..	...	...	S. W. 2	...	...	8	0.15	
S 24	29.71	29.68	29.66	73	85	72	76.7	W'ly 1	N. W. 1	N. W. 1	9	2	0		
25	29.71	29.71	29.69	66	79	67	70.7	N. W. 2	N. W. 2	S. W. 1	0	0	0		
26	29.64	29.63	29.70	67	82	68	72.3	S. W. 1	N. W. 1	N. E. 1	0	2	4		26th. Very warm.
27	29.68	29.59	29.68	70	77	55	67.3	E'ly 1	S'ly 1	N. E. 2	8	10	Rain	0.22	27th. At about 3 P. M., wind came to N. E., with moderate rain, and a sudden fall of temperature.
28	29.82	29.90	30.05	55	67	53	58.3	N. E. 2	N. E. 2	N. E. 1	2	4	0		
29	30.06	...	29.92	47	67	56	56.7	N. E. 1	...	N. E'ly	0	...	2		28th. Quite cool.
30	...	29.60	29.60	56	72	63	63.7	...	S'ly	W'ly 1	5	10	0		29th. Fine.
31	29.60	29.59	29.64	58	74	61	64.3	N. W. 2	N. W. 2	N. W. 2	0	0	0		30th. Appearances of rain. 31st. Very fine.
Means	29.78	29.74	29.78	63.2	77.1	65.1	...	1.2	1.6	1.2	3.9	3.6	1.7	5.63	
									1.3			3.1			
REDUCED TO SEA LEVEL.															
Max.	30.24	30.08	30.23	73	85	73	76.7								
Min.	29.78	29.77	29.78	47	67	53	56.7								
Mean	29.96	29.92	29.96												
Range	0.46	0.31	0.45	26	18	20	20.0								
Mean of month			29.947	...	...	...	68.4								
Extreme range			0.47	...	...	...	38.0								

Prevailing winds from some point between— Days.

N. & E.	2
E. & S.	3
S. & W.	7
W. & N.	6

	Days.
Clear	6
Variable, Cloudy	7
Rain fell on	5

(13 days omitted.)

September, 1845.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.74	29.70	29.65	52	68	63	61.0	N. W. 1	E'ly 2	S. W. 1	0	0	10		1st. Pleasant.
2	29.55	...	29.36	66	...	68	...	S'ly 2	...	S. W. 1	8	Rain	5	0.30	2d. Showery.
3	29.29	...	...	68	...	64	...	S. W. 1	...	S. W.	Rain	...	0		3d. Shower at sunrise. Very pleasant during the day.
4	...	...	29.40	...	...	68	...	...	...	S. W.	...	...	Rain		
5	29.45	29.45	29.48	60	72	60	64.0	N. W. 1	W'ly	W'ly 1	0	3	6		4th. Pleasant. Clear in the morning, very hot sun. Cloudy in the afternoon. Rain in the evening for a short time.
6	29.55	29.59	29.66	55	69	56	60.0	N. W. 2	N. W. 2	N. W. 1	0	2	0		
S 7	29.56	...	29.39	60	...	64	...	S. W. 2	...	S. W. 2	10	...	Rain		5th. Very pleasant.
8	29.61	29.71	29.87	52	62	50	54.7	N. W. 2	N. W. 2	N. W. 1	0	0	0		6th. Very fine.
9	29.90	29.82	29.60	45	58	53	52.0	N. W. 1	S. W'ly 2	E'ly 1	5	10	10		7th. Very heavy wind during the middle of the day, and specially from 2 to 3 P. M. Shower, with lightning, in the evening.
10	29.66	29.62	29.71	49	70	56	58.3	N. W. 2	W'ly 2	W'ly 1	2	2	0		8th. Very fine and cool.
11	29.81	29.81	29.86	50	66	53	56.3	N. W. 1	N. W. 2	N. W. 1	0	2	3		9th. Appearances of rain. Frost this morning in some places in the vicinity.
12	30.00	29.97	30.03	46	63	49	52.7	N. W. 2	N. W. 2	N. W. 1	0	0	0		10th and 11th. Very fine.
13	30.10	30.04	29.99	43	61	52	52.0	N. W. 1	E'ly 1	S. E'ly 1	0	8	6		12th. Very fine. Evening very clear.
S 14	29.83	29.59	29.54	55	60	61	58.7	S'ly 3	S. W'ly 4	S'ly 1	Rain	Rain	10	0.27	13th. Pleasant.
15	29.50	...	29.54	61	...	62	...	S'ly 1	...	S'ly 2	2	...	0		14th. Wind pretty high with light showers.
16	29.74	...	...	50	...	51	...	N. W. 1	...	W'ly	0	...	2		15th and 16th. Fine.
17	30.00	29.93	29.88	45	69	57	57.0	N. W. 1	S. W. 1	S. W. 1	0	10	0		17th. Very fine. Evening splendid.
18	...	29.78	29.60	60	76	65	67.0	S. W. 1	S. W. 3	S. W. 2	0	0	2		18th. Very fine.
19	29.58	29.62	29.68	64	72	57	64.3	S. W. 2	S. W. 2	S. W. 1	0	0	3		19th. Fine.
20	29.69	29.58	29.48	51	71	66	62.7	S. W. 1	S. W. 3	S. W. 3	8, Sh'r	4	0		20th. Light showers from 7 to 10 A. M.
S 21	29.38	29.42	29.50	66	54	48	56.0	S. W. 2	N. W. 2	N. W. 1	Rain	Rain	5	0.56	21st. Moderate rain nearly all day.
22	29.72	29.70	29.81	44	58	46	49.3	N. W. 1	N. W. 2	N. W. 1	0	0	0		22d. Fine.
23	29.90	29.80	29.64	39	60	51	50.0	N'ly 2	E'ly 2	N. E. 2	0	6	Rain	0.50	23d. Began to rain from 8 to 9 P. M.
24	29.59	29.60	29.68	50	53	51	51.3	N. E. 1	N. E. 2	N'ly 1	10	Misty	9		24th. Cool.
25	29.72	29.71	29.74	48	62	50	53.3	N. W.	N. W. 2	N. W. 1	0	0	0		25th. Fine.
26	29.79	29.78	29.78	48	63	50	53.7	N. W. 1	S. W. 2	S. W. 1	8	0	3		26th. Very fine.
27	29.89	29.90	29.97	48	61	55	54.7	S'ly 1	S. E. 1	S'ly 1	5	Rain	10		27th. Pleasant.
S 28	30.04	30.02	30.00	50	63	54	55.7	S. W. 1	S. E. 2	S. W. 1	0	2	0		28th, 29th, and 30th. Very fine.
29	30.02	29.97	29.94	52	68	54	58.0	S. W. 1	S. W. 2	S. W. 1	0	2	0		
30	29.88	29.81	29.77	52	69	62	61.0	S. W. 2	S. W. 3	S. W. 2	3	2	2		
Means	29.73	29.74	29.70	52.7	64.5	56.5	...	1.4	1.9	1.3	3.1	3.7	3.9	1.63	
									1.5			3.6			
REDUCED TO SEA LEVEL.															
Max.	30.28	30.22	30.21	68	76	68	67.0								
Min.	29.47	29.60	29.52	39	53	46	49.3								
Mean	29.91	29.92	29.88												
Range	0.81	0.62	0.69	29	23	22	18.7								
Mean of month			29.903	...	...	...	57.9								
Extreme range			0.81	...	...	...	37.0								

Prevailing winds from some point between— Days.

N. & E.	2
E. & S.	4
S. & W.	14
W. & N.	10

	Days.
Clear	12
Variable, Cloudy	10
Rain fell on	8

October, 1845.

DAYS.	BAROMETER, REDUCED TO 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (DIRECTION AND FORCE.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (TENTHS CLOUDY.) Sunrise.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
1	29.58	29.48	29.50	63	70	58	63.7	S. E. 2	N. W. 1	N. W. 1	Rain	9	0	0.80	1st. Rain in the morning.
2	29.65	29.78	29.88	50	68	53	57.0	N. W. 1	N. W.	N. W.	0	2	0		2d and 3d. Pleasant.
3	29.93	29.90	29.94	49	67	56	57.3	S. W. 1	S. W. 2	S. W. 1	0	0	5		
4	29.92	29.91	29.80	52	66	56	58.0	S. E'ly 1	E'ly 1	N. E. 2	3	7	Rain	1.30	4th. Began to rain at 8 P. M.
S 5	29.70	29.58	29.56	...	63	52	...	...	N. W.	N. E.	...	Rain	Rain		5th. Rainy.
6	29.69	29.82	29.93	52	53	50	51.7	N. E. 1	N. E. 2	N. E. 2	Misty	Misty	10		6th. Mist and clouds.
7	30.01	30.00	30.01	48	55	51	51.3	N. E. 1	N. E. 1	N. E. 1	10	10	Misty		7th. Mist.
8	29.95	29.90	29.87	50	65	56	57.0	N. E. 1	S. W. 2	S. W. 1	9	5	3		8th. Pleasant.
9	29.78	29.68	29.64	55	62	60	59.0	S. W. 1	S'ly	S. W. 1	9	Rain	Foggy	0.50	9th. Heavy rain from 11 to 12 A. M.
10	29.76	29.73	29.78	54	67	55	58.7	S. E. 1	S. W. 2	S. W. 1	6	4	10		10th. Warm and damp.
11	29.74	29.72	29.69	55	66	63	61.3	S. E'ly 1	S. E. 2	S. W. 1	10	10	8		11th. Rained moderately at intervals in the afternoon.
S 12	29.58	29.52	29.48	65	72	66	67.7	S. W'ly 3	S. W. 3	S'ly 3	6	Misty	Rain	0.80	12th. Showery in the afternoon and evening.
13	29.78	29.88	30.08	54	59	46	53.0	N. W. 2	N. W. 2	N. W. 1	4	7	0		13th, 14th, and 15th. Pleasant.
14	30.12	30.02	29.94	42	61	49	50.7	N. W. 1	W'ly 1	S. W. 1	2	6	6		
15	29.90	29.89	29.99	49	55	41	48.3	N. W. 1	S. W. 2	N. W. 2	9	5	0		
16	30.23	30.17	30.15	32	46	37	38.3	N. W. 1	N. W. 2	N. W. 1	0	0	2		16th. Very pleasant. First white frost in the College yard. No frost in the garden to injure the most delicate plant till this morning.
17	30.13	30.08	30.04	32	...	42	...	N. W. 1	...	W'ly 1	0	...	0		17th, 18th, and 19th. Very fine.
18	30.08	30.01	29.98	37	58	46	47.0	W'ly 1	S'ly 2	S. W. 1	0	0	0		
S 19	29.91	29.78	29.78	48	65	56	56.3	S. W. 1	S. W. 2	S. W.	0	2	5		
20	29.90	29.92	29.94	52	52	44	49.3	W'ly 1	N. E. 2	N. E. 2	10	5	10		20th. Raw wind.
21	29.99	30.01	30.19	38	39	28	35.0	N. E. 2	N. 3	N. W. 2	10	8	0		21st. Very cold and raw.
22	30.28	30.25	30.24	23	40	31	31.3	N. W. 2	N. W. 2	N. W. 1	0	0	0		22d. Clear and fine, but cold.
23	30.23	30.17	30.10	26	46	33	35.0	N. W. 1	S'ly 2	S'ly 1	0	0	0		23d. Very pleasant.
24	30.00	29.91	29.95	28	54	42	41.3	S. W. 1	S'ly 1	S'ly 1	0	3	0		24th and 25th. Fine.
25	30.10	30.10	30.15	35	47	34	38.7	N. W. 2	N. E. 2	N.E. 1	0	6	0		
S 26	30.16	30.10	30.10	32	51	43	42.0	N. E'ly 1	S'ly 2	S. W. 1	6	3	2		26th. Rather raw.
27	30.06	29.96	29.94	43	60	48	50.3	S. W. 1	S. W. 1	S. W. 1	Foggy	2	2		27th. Pleasant.
28	29.92	29.87	29.82	50	65	52	55.7	S. W. 1	S. W. 1	S. W. 1	0	0	0		28th. Very pleasant.
29	...	29.74	29.70	52	68	52	57.3	S. W. 1	S. W. 2	W'ly 1	0	0	0		29th. Very fine.
30	29.64	29.64	29.80	52	60	48	53.3	N. W. 1	N. W. 1	N. W.	0	6	0		30th. Pleasant.
31	29.91	29.92	29.81	46	53	51	55.0	S. E.	E'ly 1	E'ly 2	10	10	10		31st. Appearances of rain in the afternoon and evening.
Means	29.91	29.88	29.89	45.5	58.4	48.4	...	1.2	1.9	1.3	4.5	5.0	3.8	3.40	
								1.4			4.4				
REDUCED TO SEA LEVEL.															
Max.	30.46	30.43	30.42	65	72	66	67.7								
Min.	29.76	29.66	29.66	26	39	28	31.3								
Mean	30.09	30.05	30.07												
Range	0.70	0.77	0.76	39	33	38	36.4								
Mean of month		30.070		...	...	...	50.8								
Extreme range		0.80		...	...	...	46.0								

Prevailing winds from some point between—	Days.
N. & E.	5
E. & S.	4
S. & W.	13
W. & N.	9

	Days.
Clear	10
Variable, Cloudy	15
Rain fell on	6

November, 1845.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.63	29.51	29.49	52	65	54	57.0	W'ly 1	W'ly 1	S. W'ly	4	2	10		1st. Pleasant.
S 2	29.45	29.38	29.38	53	52	51	52.0	S. E. 1	N. E. 1	N. E.	Rain	Rain	Rain	1.72	2d. Rain nearly all day and last night.
3	29.44	29.39	29.40	56	62	57	58.3	S'ly 1	S. W. 1	S. E. 1	Misty	10	Rain	0.63	3d. Moderate rain in the afternoon and evening.
4	29.41	29.42	29.30	57	63	52	57.3	S. W. 1	S. W. 1	W'ly	Misty	6	R'n,h'ze	0.40	4th. Thundershower in the evening.
5	29.46	29.45	29.58	42	49	44	45.0	S. W. 3	S. W. 4	S. W. 3	2	3	8		5th. Blustering. Evening overcast.
6	29.58	29.56	29.51	36	53	37	42.0	S. W. 2	S. W. 1	N. W. 1	2	10	8		6th. Pleasant.
7	29.54	29.53	29.55	37	51	39	42.3	N. W. 1	S. W. 1	W'ly 1	0	2	0		7th. Very pleasant.
8	29.56	29.49	29.39	36	46	46	42.7	N. W. 1	N. W. 1	N. E. 2	0	10	Rain	0.95	8th. Began to rain moderately from 4 to 5 P. M.
S 9	29.09	29.05	28.93	52	50	42	48.0	S. W. 1	S. W. 1	W'ly 1	10	10	Rain	0.88	9th. Unpleasant.
10	28.76	29.04	29.43	36	42	37	38.3	N. W. 4	N. W. 3	N. W. 2	10	2	0		10th. Air quite thick with snow at 8 A. M., and first frost of the season this morning.
11	29.58	29.60	29.69	36	51	44	43.7	N. W. 1	S. W. 1	S. W. 1	0	2	Hazy		11th. Very fine. Halo about the moon in the evening, appearing through thick haze.
12	29.74	29.74	29.82	41	42	32	38.3	S. W. 1	N. W. 1	N. W. 1	10	2	0		12th. Fine in the afternoon. Evening very clear and still.
13	29.80	29.75	29.64	26	46	43	38.3	N. W. 1	S. W. 2	S. W. 1	0	0	2		13th. Fine. Eclipse of the moon began at 6 h. 25 m. 45 s. P. M., Providence mean time, as nearly as I could judge. End not observed.
14	29.49	29.37	29.39	42	55	44	47.0	W'ly 1	S. W. 2	N. W. 2	3	4	0		14th, 15th, and 16th. Very fine.
15	29.56	29.57	29.71	36	42	32	36.7	N. W. 2	N. W. 2	N. W. 1	0	0	2		17th. Pleasant.
S 16	29.58	29.41	29.39	34	50	46	43.3	S. W. 2	S. W. 2	S. W. 1	5	2	0		18th. Very thick mist and fog in the morning, and thick fog in the evening.
17	29.69	29.71	29.79	40	52	46	46.0	S. W. 1	S. W. 2	S. W. 1	0	Hazy	Hazy	0.15	19th. Very fine.
18	29.82	29.79	29.74	46	55	49	50.0	S. W. 1	S. W. 1	S. W. 1	Misty	8	Foggy		20th. Fine.
19	...	29.48	29.52	48	56	46	50.0	S. W. 1	S. W. 2	S. W. 1	Foggy	6	0		21st. Sprinkling of rain at sunrise, which ceased soon.
20	29.54	29.44	29.38	42	55	46	47.7	N. W. 1	N. W. 3	N. W. 1	2	10	0		22d. Fine.
21	29.29	29.29	29.47	48	48	36	44.0	S. W. 2	N. W. 3	N. W. 2	Rain	6	0		23d. Sprinkling of rain in the morning, with heavy thunder. Shower from noon to 2 P. M. Clear in the evening.
22	29.69	29.69	29.76	32	42	37	37.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		24th. Fine.
S 23	29.50	29.27	29.39	48	55	42	48.3	S. W. 3	S. W'ly 3	W'ly 1	Rain	Rain	0	0.50	25th. Clear and very calm at sunrise.
24	29.80	29.84	30.06	30	33	23	28.7	N. W. 2	N. W. 2	N. W. 1	0	0	0		26th. Fine.
25	30.21	30.12	30.12	19	36	35	30.0	N. W. 1	S. W. 1	W'ly 2	0	10	0, Haze		27th. Began to rain very moderately from 5 to 6 A. M.; wind a little S. of E. Wind hauled more to S. E. and rain increased. From 10 A. M. to 1 P. M., the rain was violent, with wind heavy and hauling more S'ly. At 3 P. M., wind W'ly and abated, and rain nearly over. The barometer had then fallen to 29.16, and began to rise at about 3½ P. M. The amount of rain was extraordinary, being 3.85 inches.
26	30.15	30.11	30.01	34	45	41	40.0	W. 1	S. W. 1	S. W. 1	3	6	2		
27	29.52	29.09	29.26	49	56	40	48.3	S. E. 2	S'ly 3	W'ly 2	Rain	Rain	10	3.85	
28	29.59	29.62	30.06	22	26	20	22.7	N. W. 2	N. W. 2	N. W. 1	0	0	0		28th and 29th. Fine.
29	30.26	30.32	30.36	15	26	24	21.7	N. W. 1	S. W. 1	N. E. 1	2	0	3		30th. Snow in the afternoon so as to cover the ground. Moderate rain in the evening.
S 30	30.27	30.16	30.06	24	37	32	31.0	N. E. 1	N. E. 1	N. E. 1	10	10	Rain		
Means	29.62	29.57	29.65	39.0	48.0	40.6	...	1.5	1.7	1.3	4.8	5.2	4.8	9.08	
								1.5			4.9				
REDUCED TO SEA LEVEL.															
Max.	30.45	30.50	30.54	57	65	57	58.3								
Min.	29.04	29.22	29.11	15	26	23	21.7								
Mean	29.80	29.75	29.83												
Range	1.41	1.28	1.43	42	39	34	36.6								
Mean of month		29.793		...	...	...	42.5								
Extreme range		1.50		...	...	...	50.0								

Prevailing winds from some point between—	Days.
N. & E.	2
E. & S.	1
S. & W.	18
W. & N.	9

	Days.
Clear	7
Variable, Cloudy	15
Rain fell on	8

December, 1845.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.76	29.43	29.17	36	49	43	42.7	N. E. 2	N. E. 2	W'ly 2	Misty	Rain	8	1.50	1st. Heavy rain at intervals. Clouds broken and stars visible at 9½ P. M.
2	29.42	29.61	29.90	23	26	16	21.7	N. W. 3	N. W. 3	N. W. 3	0	0	0		2d. Wind brisk and the cold piercing.
3	30.10	30.13	30.16	13	20	16	16.3	N. W. 1	N. W. 1	N'ly 2	0	10	10		3d. Appearances of snow in the evening.
4	29.93	29.63	29.40	18	33	26	25.7	N'ly 2	N. E. 1	N. E. 2	Snow	Rain	R'n, h'l	1.25	4th. Snowing at 5 A. M. Snow continued till towards noon; then mist and rain from S'Ely. In the evening, rain, with some hail, from N. E.
5	29.26	29.42	29.66	30	28	22	26.7	W'ly 2	W'ly 3	W'ly 3	2	0	0		5th. Very clear in the evening.
6	29.85	29.90	30.02	19	26	18	21.0	N. W. 2	N. W. 3	N. W. 1	0	0	0		6th. Rather blustering through the day. Evening very fine.
S 7	30.11	30.16	30.11	16	20	16	17.3	N. W. 2	N. W. 2	N. W. 1	0	0	0		7th. Very fine for winter.
8	29.94	29.84	29.70	25	32	30	29.0	S. W'ly 1	S. W. 2	E'ly 1	10	10	Snow	0.33	8th. Light snow in the evening.
9	29.45	29.37	29.38	31	35	32	32.7	N'ly 1	W'ly 1	N. W.	Misty	10	3		9th. Mist in the morning. Clouds broken in the afternoon.
10	29.48	29.56	29.70	32	29	19	26.7	W'ly 1	N. W. 3	N. W. 1	3	1	0		10th. Fine. Evening very clear.
11	29.90	29.94	30.11	18	18	8	14.7	N. W. 1	N. W. 2	N. W. 2	0	7	0		11th. Cold.
12	30.22	30.21	30.30	7	15	9	10.3	N. W. 1	N. W. 1	N. W. 1	0	0	0		12th. Cold, but not severe.
13	30.34	30.29	30.26	7	25	18	16.7	N. W. 2	W'ly 1	E'ly 1	0	0	3		13th. At 10 P. M., wind E'ly, clouds from S'ly.
S 14	30.11	29.95	29.72	23	35	39	32.3	N. E. 1	N. E'ly 1	E'ly 1	10	R'n, h'l	Misty		14th. Flurry of snow from 9 to 11 A. M., then hail and rain in small quantity.
15	29.35	29.07	29.06	38	36	34	36.0	N. E. 2	N. W'ly 3	N. W. 4	Rain	Misty	10		15th. Very blustering in the evening; barometer falling.
16	28.97	29.07	29.41	32	29	23	27.7	N. 4	N. 4	N. W. 4	10	10	0		16th. At 7 A. M., barometer 29.09; at 7½ A. M., 29.07, and began to rise before 8 A. M. Wind a little W. of N., and abating in strength, but still blustering through the day and evening.
17	29.70	29.75	29.78	23	37	31	30.3	N. W. 2	N. W. 2	N. W. 1	0	0	7		17th. Fine.
18	29.73	29.63	29.58	32	43	38	37.7	S'ly 1	S'ly 1	S'ly 1	10	10	10		18th. Very mild.
19	29.53	29.53	29.69	35	37	26	32.7	S'ly 1	S. W. 1	N. W. 1	8	10	10		19th. Air very raw.
20	29.76	29.65	29.56	20	20	17	19.0	N. E'ly 1	N'ly 1	N. E. 3	10	10	Snow	0.15	20th. Commenced snowing moderately from 2 to 3 P. M.
S 21	29.55	29.55	29.62	16	19	13	16.0	N. W. 1	N. W. 2	N. W. 2	8	0	0		21st. Cold, but not severe. Ground covered with about 2 inches of light snow.
22	29.72	29.73	29.85	15	23	17	18.3	W'ly 1	W'ly 2	W'ly 1	0	0	8		22d and 23d. Fine.
23	29.99	30.02	30.13	13	27	19	19.7	N. W. 1	W'ly 2	W'ly 1	0	2	0		24th. Appearances of snow in the afternoon.
24	30.24	30.18	30.14	12	28	24	21.3	E'ly 1	E'ly 1	N. E'ly 1	8	10	10		25th. Light snow at intervals.
25	29.96	29.74	29.80	24	33	24	27.0	N. E'ly 2	N. E'ly 1	N. E'ly	Snow	Misty	Snow	0.25	26th. Light snow through the day, from three to four inches deep.
26	29.85	29.83	29.85	23	23	22	22.7	N. E'ly 2	N'ly 3	N. W'ly 2	Snow	Snow	Snow		27th. Pleasant.
27	29.87	29.77	29.69	15	22	22	19.7	N. W. 1	N. W. 2	W'ly 1	0	0	8		28th. Mild.
S 28	29.67	29.68	29.76	22	33	30	28.3	N. W. 1	W'ly 2	W'ly 1	3	10	10		29th. Very fine.
29	29.70	29.60	29.56	27	40	28	31.7	W'ly 1	S'ly 2	W'ly 2	4	3	2		30th. Appearances of storm in the evening.
30	29.56	29.55	29.64	32	38	28	32.7	N. W'ly 1	N. W. 2	N. W. 2	0	3	10		31st. Pleasant, but cold.
31	29.77	29.90	30.06	18	22	12	17.3	N. W. 2	N. W. 3	N. W. 1	0	0	0		
Means	29.76	29.73	29.76	22.4	29.1	23.2	...	1.5	1.9	1.7	4.9	5.7	5.6	3.48	
									1.7			5.4			
REDUCED TO SEA LEVEL.															
Max.	30.52	30.47	30.48	38	49	43	42.7								
Min.	29.15	29.25	29,24	7	15	8	10.3								
Mean	29.94	29.91	29.94												
Range	1.37	1.22	1.24	31	34	35	32.4								
Mean of month	29.930			...	...	...	24.9								
Extreme range	1.37			...	...	...	42.0								

Prevailing winds from some point between— Days.

	Days.
N. & E.	7
E. & S.	0
S. & W.	4
W. & N.	20

	Days.
Clear	11
Variable / Cloudy	13
Rain or snow fell on	7

January, 1846.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P M.	At 10 P. M.		
1	30.15	30.20	29.96	8	25	27	20.0	N. W. 1	S. W. 1	S. E'ly	0	8	10		1st. Morning cold, but calm.
2	29.53	29.20	29.08	39	43	42	41.3	S'ly 1	S. E'ly 3	S'ly 1	Rain	Rain	8	0.92	2d. Rainy through the day. Clouds broken in the evening.
3	29.18	29.32	29.47	36	35	33	34.7	N. W. 2	N. W. 2	N. W. 2	8	4	2		3d. Pleasant.
S 4	29.44	29.44	29.70	30	36	30	32.0	N. W. 2	N. W. 2	W'ly 1	0	0	0		4th, 5th, and 6th. Very fine.
5	29.91	29.95	30.05	22	37	27	28.7	N. W. 1	N. W. 1	W'ly 1	0	0	0		
6	30.16	30.16	30.14	22	36	31	29.7	N. W.	N. W.	N. W.	1	3	8		
7	29.80	29.47	29.40	33	35	34	34.0	N. E. 2	N'ly 2	N'ly 2	Rain	10	Misty		7th. Ground covered with snow at sunrise, and raining.
8	29.42	29.40	29.51	34	41	37	37.3	W'ly 1	W'ly 2	W'ly 2	Misty	2	8		8th and 9th. Mild.
9	29.60	29.58	29.52	33	37	35	35.0	W'ly 2	W'ly 3	W'ly 2	3	1	10		
10	29.55	29.47	29.52	28	30	31	29.7	W'ly 1	W'ly 2	W'ly 1	2	5	7		10th. Pleasant.
S 11	29.45	29.40	29.40	30	35	30	31.7	S. W. 1	S. W. 1	N. W. 1	9	10	8		11th. Mild and pleasant.
12	29.41	29.42	29.56	28	35	29	30.7	N. W. 1	N. W. 1	N. W. 1	10	8	10		12th. Still mild.
13	29.75	29.76	29.89	26	29	18	24.3	N. W. 1	N. W. 2	N. W.	3	2	0		13th, 14th, and 15th. Mild and pleasant.
14	29.90	29.80	29.76	18	34	28	26.7	W. 1	S. W. 2	S. W.	0	10	0		16th. Appearances of storm through the day. Began to snow moderately at 9 P. M.
15	29.80	29.80	29.71	27	41	34	34.0	S. W. 1	S. W. 2	S. W. 1	0	2	2		17th. Snowed moderately all day. Grew colder in the evening.
16	29.50	29.38	...	30	39	...	...	S'ly 1	N. E. 2	...	10	10	Snow		18th. At sunrise, six or seven inches of snow badly drifted, the wind severe, air full of driving snow, and the thermometer nearly down to zero.
17	29.50	29.40	29.36	31	34	20	28.3	N. E. 1	N. E. 2	N. E. 2	Snow	Snow	Snow	0.75	19th. Very severe.
S 18	29.62	29.72	29.84	4	5	2	3.7	N. W. 3	N. W. 2	N. W. 1	9	0	0		20th. Pleasant.
19	29.93	29.81	29.93	—1	10	9	6.0	N. W. 2	N. W. 3	N. W. 3	0	0	0		21st. Began to snow from 7 to 8 P. M.; ceased at 10 P. M., being only a flurry, and cleared cold.
20	30.06	29.97	29.88	4	21	15	13.3	N. W. 2	N. W. 2	N. W. 1	0	3	Hazy		22d Very cold and severe.
21	29.71	29.50	29.40	18	28	22	22.7	W'ly 1	S. E'ly 1	N. E. 3	10	10	Snow		23d. Pleasant.
22	29.65	29.62	29.75	6	6	14	8.7	N. W. 3	N. W. 3	N. W. 2	0	0	0		24th and 25th. Fine.
23	29.99	29.96	29.94	14	26	18	19.3	N. W. 2	N. W. 2	N. W. 2	0	0.	0		
24	29.87	29.76	29.63	14	30	28	24.0	N. W. 1	N. W. 2	N. W. 3	0	0	5		
S 25	29.37	29.40	29.57	29	42	34	35.0	S. W. 2	S. W. 2	N. W. 1	0	0	0		
26	29.62	29.50	29.39	31	37	33	33.7	W'ly 1	S. W. 1	S. W. 1	10	10	2		26th. Sprinkling of rain from 5 to 7 P. M.
27	29.52	29.60	29.69	24	28	17	23.0	N'ly 1	N. E. 2	N. W. 1	Snow	3	0	0.15	27th. Light snow one inch and a half deep.
28	29.62	29.56	29.55	16	33	26	25.0	N. W. 1	N. W. 1	N. W. 2	5	10	2		28th. Bright diffused aurora in the evening.
29	29.97	29.95	29.96	17	33	28	26.0	N. W. 1	N. W. 1	E'ly 2	0	3	10		29th. Appearances of storm in the evening.
30	29.78	29.56	29.45	33	47	42	40.7	W'ly 1	S. W. 3	S. W. 2	10	3	Rain		30th. Commenced raining very moderately in the evening.
31	29.39	29.47	29.86	46	42	22	36.7	S. W. 1	N. E'ly	N. W. 3	10	10	0		31st. Flurry of snow at sunset, and grew colder.
Means	29.68	29.63	29.66	23.6	31.9	26.5	...	1.4	1.9	1.7	4.8	4.7	5.0	1.82	
									1.7			4.8			
REDUCED TO SEA LEVEL.															
Max.	30.34	30.38	30.32	46	47	42	41.3								
Min.	29.36	29.38	29.26	—1	5	2	3.7								
Mean	29.86	29.81	29.84												
Range	0.98	1.00	1.06	47	42	40	37.6								
Mean of month	29.837			...	...	...	27.3								
Extreme range	1.12			...	...	...	48.0								

Prevailing winds from some point between— Days.

	Days.
N. & E.	6
E. & S.	2
S. & W.	10
W. & N.	13

	Days.
Clear	9
Variable / Cloudy	13
Rain or snow fell on	9

February, 1846.

DAYS.	BAROMETER, REDUCED TO 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (DIRECTION AND FORCE.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (TENTHS CLOUDY.) Sunrise.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
S 1	30.05	30.10	30.11	14	16	16	15.3	N'ly 2	N'ly 2	N. W. 1	Snow	10	10		6th. Bright halo about the moon in the evening.
2	30.10	30.08	30.06	18	32	28	26.0	N. W. 1	N. E'ly 1	W'ly	10	10	8		7th. Began to snow moderately from 4 to 5 P. M. Wind rather light N. E.
3	29.92	29.85	29.80	32	35	32	33.0	S. W. 1	S. W. 2	S. W. 2	10	10	10		8th. About one inch of wet snow on the ground. Grew cold towards night.
4	29.75	29.79	29.61	32	37	28	32.3	N. W. 2	N. W. 2	W'ly	5	0	3		9th. Cold, but fine for winter.
5	29.60	29.49	29.56	34	44	34	37.3	S. W. 1	S. W. 2	N. W. 2	5	2	2		10th. Clouded over in the evening, with appearances of storm.
6	29.85	29.81	29.84	28	37	30	31.7	N. W. 2	N. W. 2	N. W. 1	0	2	Hazy		11th. Ground covered with snow, there having been a flurry during the night. Snow in the afternoon and all night.
7	29.66	29.47	29.27	29	38	32	33.0	E'ly 1	E'ly 2	N. E. 2	10	10	Snow	0.25	12th. At sunrise, four or five inches of light snow, and still snowing, but ceased before 9 A. M. Clear in the afternoon and evening.
S 8	29.20	29.29	29.55	31	23	12	22.0	N. W. 2	N. W. 3	N. W. 2	10	0	0		13th. Fine.
9	29.71	29.64	29.80	8	26	11	15.0	N. W. 1	W'ly 2	N. W. 3	0	0	0		14th. Very fine. Hazy in the evening. Some stars out.
10	29.97	29.87	29.86	6	20	22	16.0	N. W. 2	N. W. 3	N. W. 1	0	0	10		15th. Began to snow about 4 A. M.; wind heavy at N. E. or N. E. by E. Snow continued all day, with wind very heavy. Clouds broken and stars out in the evening. Snow deep and badly drifted. The barometer fell to 29.17 at 2 P. M., and began to rise about 3 P. M., with wind hauling more to north. Snow in the woods from twelve to fifteen inches deep, and rather damp.
11	29.72	29.58	29.48	21	23	18	20.7	N. E. 1	N. E. 2	N. E.	10	Snow	Snow		
12	29.67	29.74	29.81	8	20	9	12.3	N. E'ly	N. W. 2	N. W. 1	10	0	0		
13	29.82	29.74	29.80	7	26	19	17.3	N. W. 1	W'ly 3	N. W. 1	0	3	0		
14	29.88	29.83	29.79	11	27	25	21.0	N. W. 1	N. W. 1	N. W. 1	0	2	Hazy		
S 15	29.25	29.07	29.40	24	26	12	20.7	N. E. 5	N. E. 5	N'ly 3	Snow	Snow	10	1.50	
16	29.68	29.70	29.73	16	29	23	22.7	N. W. 1	N. W. 1	S. W. 1	9	1	Snow		16th. Began to snow very gently between 9 and 10 P. M.; wind light S. W.
17	29.78	29.76	29.86	16	36	25	25.7	N. W. 1	W'ly 1	S. E'ly 1	3	7	10		17th. Very mild. Flurry of snow last night.
18	29.88	29.90	29.98	18	23	12	17.7	N. W. 1	N. W. 2	N. W. 2	6	0	0		18th. Very fine.
19	30.05	29.97	29.95	8	23	16	15.7	N. W. 1	N. W. 1	N'ly 1	0	0	0		19th. The sky somewhat obscured by haze in the evening.
20	29.63	29.11	28.85	18	26	32	25.3	N. E. 2	E. N. E. 4	S. E'ly 1	10	Snow	10	0.33	20th. Began to snow about 10 A. M. Storm violent from noon to 2 P. M. Wind gradually hauled to S. E., and snow turned to rain, from 5 to 6 P. M. Rain ceased at 9½ P. M.; barometer 28.95, and at 10 P. M., 29.00; continued to rise.
21	29.26	29.28	29.48	25	33	26	28.0	N. W. 1	W'ly 2	W'ly 1	2	0	0		21st to 24th. Very fine.
S 22	29.48	29.45	29.49	25	37	24	28.7	S. W. 1	S. W. 1	N. W. 1	8	5	0		25th. Aurora this evening. Bright diffused light without streamers.
23	29.62	29.60	29.64	20	29	22	23.7	W'ly 1	N. W. 2	N. W. 2	3	0	0		26th. Severe searching cold.
24	29.77	29.78	29.90	14	26	17	19.0	N. W. 1	N. W. 3	N. W. 1	0	0	0		27th. Coldest morning of the winter thus far. Appearances of snow in the evening.
25	29.94	29.90	29.90	16	29	17	20.7	N. W. 1	N. W. 1	N. W. 1	8	10	Hazy		28th. Frequent flurries of snow.
26	29.93	29.91	30.02	9	12	2	7.7	N. W. 1	N. W. 3	N. W. 2	0	5	0		
27	30.13	30.07	30.03	—2	11	10	6.3	N. W. 2	N. W. 2	N. W. 1	0	0	10		
28	29.98	29.91	29.84	8	18	13	13.0	N. W. 1	N. W. 1	N'ly 2	Snow	10	Snow		
Means	29.76	29.70	29.73	17.6	27.2	20.3	...	1.4	2.1	1.5	5.3	4.1	6.0	2.08	
									1.7			5.1			
REDUCED TO SEA LEVEL.															
Max.	30.31	30.28	30.29	34	44	34	37.3								
Min.	29.38	29.25	29.03	—2	11	2	6.3								
Mean	29.94	29.88	29.91												
Range	0.93	1.03	1.26	36	33	32	31.0								
Mean of month		29.910		...	...	...	21.7								
Extreme range		1.28		...	...	...	46.0								

Prevailing winds from some point between—	Days.
N. & E.	5
E. & S.	0
S. & W.	4
W. & N.	18

	Days.
Clear	7
Variable, Cloudy	14
Rain or snow fell on	9

March, 1846.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
S 1	29.95	30.02	30.07	8	21	13	14.0	N. W. 2	N. E. 2	N. E. 1	5	0	0		1st. Very fine. A half inch of dry, fresh-fallen snow on the ground in the morning.
2	30.03	30.01	30.05	9	24	14	15.7	N'ly 1	N. E. 3	N'ly 2	10	10	6		2d. Raw and cold, with the air full of snow. Partly clear in the evening.
3	30.12	30.11	30.10	12	28	20	20.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		3d, 4th, and 5th. Very fine.
4	29.98	29.80	29.59	15	40	32	29.0	N. W. 2	S. W. 2	S. W. 3	0	2	5		6th. Cloudy. Wind came more to N. W., and cleared in the evening.
5	29.47	29.47	29.57	34	42	33	36.3	S. W. 2	W'ly 3	N. W. 2	7	2	0		7th. Fine.
6	29.60	29.55	29.57	28	40	28	32.0	N. W. 1	W'ly 1	N. W. 2	5	10	3		8th. Snowed gently from 7 to 10 A. M. Sprinkling of rain in the evening.
7	29.75	29.73	29.74	17	33	27	25.7	N. W. 2	N. W. 2	N. W. 1	0	0	8		9th, 10th, and 11th. Very fine.
S 8	29.53	29.53	29.60	29	41	34	34.7	S'ly 1	S'ly 1	S'ly 1	Snow	5	Rain	1.40	12th. Very fine. Observed the double comet (Biela's) this evening.
9	29.77	29.81	29.86	31	37	32	33.3	N. W. 1	N. W. 3	N. W. 1	2	0	1		13th. Dashes of rain in the evening, which continued all night.
10	29.95	29.94	30.02	30	40	30	33.3	N. W. 1	N. W. 1	N. W. 1	0	0	0		14th. Rain nearly all day. Partly clear in the evening, with wind blustering at about N. W. Barometer fell to 29.17 at 7 P. M., and soon commenced rising.
11	30.10	30.10	30.10	25	44	32	33.7	N. W. 1	N. W. 2	S'ly 1	0	0	0		15th. Very fine.
12	30.05	29.96	29.94	30	50	40	40.0	S. W'ly 1	S. W. 2	S. W. 2	0	0	2		16th. Moderate rain and mist during the day.
13	29.86	29.78	29.64	38	57	45	46.7	S. W. 1	S. W. 2	S. W. 3	8	10	10		17th. Very blustering.
14	29.38	29.13	29.19	44	45	40	43.0	S'ly 2	S'ly 1	W'ly 3	Rain	Misty	5		18th. Very fine. Biela's comet showed well this evening, but not double, so far as I observed.
S 15	29.42	29.39	29.47	33	48	36	39.0	S. W'ly 2	S. W'ly 3	S. W. 2	0	3	2		19th. Very fine.
16	29.35	29.25	29.25	34	33	33	33.3	N'ly 1	N. E. 2	N'ly 4	Misty	Rain	Rain	0.10	20th. Very mild. Appearances of rain in the evening.
17	29.36	29.41	29.60	29	39	29	32.3	N. W. 3	N. W. 3	N. W. 3	10	2	0		21st. Shower from 10 to 11 A. M. Comet appeared well to-night; the companion barely visible with a power of one hundred.
18	29.65	29.64	29.66	27	39	30	32.0	N. W. 2	N. W. 2	N. W. 1	0	2	0		22d. Very fine. Evening very clear. Comet visible, but not the companion.
19	29.54	29.46	29.53	30	49	40	39.7	N. W. 2	N'ly 3	N'ly 1	0	10	Hazy		23d. Very fine.
20	29.60	29.57	29.64	38	57	47	47.3	N. W. 1	N. W. 2	N. E. 1	10	2	10		24th. Rain very moderate in the evening.
21	29.59	29.59	29.72	40	50	36	42.0	W'ly 1	N. W. 1	N. W. 3	8	10	3		25th. Rain at intervals.
S 22	29.88	29.87	29.95	30	46	36	37.3	N. W. 3	N. W. 2	N. W. 1	0	0	0		26th. Thundershower at 3 A. M.
23	29.97	29.89	29.84	30	51	36	39.0	N. W. 1	N. E. 1	S. W. 1	0	0	3		27th. Cleared in the morning and very pleasant.
24	29.77	29.73	29.69	36	38	36	36.7	S. W. 2	S'ly 2	E'ly 2	10	Misty	Rain	1.36	28th. Variable.
25	29.55	29.37	29.39	38	48	46	44.0	E'ly 1	S. E. 4	E'ly 1	Misty	Rain	10		29th. Pleasant.
26	29.33	29.30	29.31	43	44	42	43.0	N'ly 1	N. E. 1	N. W. 1	Misty	Misty	10		30th and 31st. Fine.
27	29.40	29.40	29.46	42	50	39	43.7	N. W. 1	S. E'ly 2	S. W. 1	10	2	0		
28	29.53	29.53	29.60	36	50	40	42.0	S. W. 1	S. W. 2	S. W. 1	0	10	3		
S 29	29.68	29.69	29.76	35	46	40	40.3	N. W. 1	W'ly 2	W'ly 1	0	3	5		
30	29.84	29.84	29.92	34	45	36	38.3	N. E. 1	N. W. 3	N. W. 2	5	3	0		
31	29.97	29.94	30.00	30	47	35	37.3	N. W. 2	N. W. 2	N. W. 1	0	4	3		
Means	29.71	29.67	29.71	30.2	42.6	34.1	...	1.5	2.1	1.6	4.5	4.5	4.2	2.86	
									1.7			4.4			
REDUCED TO SEA LEVEL.															
Max.	30.30	30.29	30.28	44	57	47	47.3								
Min.	29.51	29.31	29.37	8	21	13	14.0								
Mean	29.89	29.85	29.89												
Range	0.79	0.98	0.91	36	36	34	33.3								
Mean of month		29.877		...	...	...	35.6								
Extreme range		0.99		...	...	...	49.0								

Prevailing winds from some point between—	Days.
N. & E.	5
E. & S.	5
S. & W.	9
W. & N.	12

	Days.
Clear	10
Variable, Cloudy	13
Rain or snow fell on	8

April, 1846.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	30.08	30.05	30.09	29	44	33	35.3	N. W. 2	N. W. 2	N. W. 2	0	0	0		1st. Fine.
2	30.14	30.05	30.09	28	46	36	36.7	N. W. 1	N. W. 2	N. W. 1	0	0	0		2d. Very fine.
3	30.12	30.13	30.19	29	43	34	35.3	N. W. 1	E'ly	N. W. 1	0	2	0		3d and 4th. Fine, but cool.
4	30.27	30.28	30.30	30	42	32	34.7	N. W. 1	N. E'ly	N. W. 1	0	0	0		
S 5	30.31	30.26	30.23	28	50	40	39.3	N. W. 1	S. E. 2	S'ly 2	0	0	Hazy		5th. Pleasant.
6	30.18	30.15	30.21	34	66	47	49.0	S. W. 1	S. W. 1	S. W. 1	6	Hazy	0		6th and 7th. Very fine.
7	30.22	30.10	30.02	40	55	44	46.3	N. W. 1	S. E. 3	S'ly 2	0	3	Hazy		
8	29.89	29.78	29.95	42	55	44	47.0	S. W. 2	S. W. 2	N. W. 1	10	10	Hazy		8th. Halo about the moon in the evening.
9	30.17	30.15	30.15	34	52	37	41.0	N. W. 1	S'ly 2	S'ly 1	0	0	Hazy		9th. Halo about the moon.
10	30.09	29.93	29.88	32	54	44	43.3	S. W.	S'ly 2	S'ly 1	3	2	Hazy		10th. Pleasant.
11	29.69	29.57	29.44	46	60	51	52.3	S. W. 1	S'ly 3	S. W. 2	10	10	5		11th. Appearances of rain during the day.
S 12	29.59	29.45	29.31	45	47	46	46.0	N'ly 1	W'ly 1	N. W. 1	Rain	10	9	0.20	12th. Light showers.
13	29.39	29.34	29.49	31	47	31	36.3	N. W. 2	N. W. 2	N. W. 2	0	5	3		13th. Snow and rain in the afternoon. Cleared at 10 to 11 P. M.
14	29.70	29.71	29.74	28	43	36	35.7	N. W. 2	N. W. 2	N. W. 2	0	0	0		14th. Snow on the ground in the morning.
15	29.52	29.65	29.95	38	42	32	37.3	S. W. 3	N. W. 2	N. W. 2	Rain	2	0	0.25	15th. Blustering.
16	30.14	30.10	30.10	32	46	33	37.0	N. W. 1	S. E. 2	S'ly 1	0	0	0		16th. Beautiful aurora, with streamers, at 10 P. M.
17	30.06	29.95	29.94	38	57	46	47.0	S. W. 2	S. W. 2	S. W. 1	0	0	0		17th, 18th, and 19th. Very fine.
18	29.92	29.84	29.79	48	62	52	54.0	S. W. 1	S'ly 2	S. W. 3	Hazy	2	0		
S 19	29.69	29.70	29.87	52	64	48	54.7	S. W. 1	N. W. 2	N. W. 1	10	1	0		20th. Fine.
20	30.04	30.02	29.88	42	63	52	52.3	N. W. 1	W'ly 1	S. W. 2	0	0	5		21st. Very fine and very warm for the season.
21	29.79	29.66	29.78	53	76	64	64.3	S. W. 1	W. 2	S. W. 1	5	0	0		22d. Cloudy till evening, then very clear.
22	29.88	29.86	29.78	46	62	45	51.0	N. E. 2	S. E. 0	N'ly 1	10	10	0		23d. Warm and damp. Sprinkling of rain at 10 P. M.
23	29.76	29.73	29.68	46	75	54	58.3	N. W. 1	W'ly 1	S. W. 1	3	8	Rain		24th. Sprinkling of rain at 9 to 10 P. M.
24	29.56	29.42	29.42	52	75	62	63.0	S. W. 1	S'ly 1	S. W. 1	Hazy	Hazy	Rain		25th. Very fine. Large eclipse of the sun; began at 11 h. 11 m. 40.5 s. A. M., ended at 1 h. 51 m. 20 s. P. M., mean solar time; duration 2 h. 39 m. 39.5 s.
25	29.69	29.69	29.73	38	47	38	41.0	N. E. 2	N. E. 1	S'ly 1	2	0	0		
S 26	29.69	29.57	29.50	36	55	48	46.3	S. E'ly 1	S'ly 2	S'ly 1	0	0	2		26th. Very fine.
27	29.59	29.56	29.61	44	65	44	51.0	N. W. 1	N. W. 2	S'ly 2	0	0	0		27th and 28th Fine.
28	29.68	29.68	29.74	40	67	47	51.3	S'ly 1	S. E. 1	S'ly 1	0	0	0		29th. Sprinkling of rain began at 6 P. M. Rain during the night.
29	29.74	29.71	29.65	42	60	49	50.3	N. E. 1	S'ly 2	S'ly 1	0	10	Rain	1.30	30th. Rain in the morning. Clear in the evening.
30	29.43	29.40	29.49	51	57	50	52.7	S. E. 1	S. W. 2	N. W. 1	Rain	9	0		
Means	29.87	29.82	29.83	39.1	55.8	44.0	...	1.3	1.7	1.4	3.5	3.5	3.5	1.75	
									1.5			3.5			
REDUCED TO SEA LEVEL.															
Max.	30.49	30.28	30.48	53	76	64	64.3								
Min.	29.57	29.52	29.49	28	42	31	34.7								
Mean	30.05	30.00	30.01												
Range	0.92	0.76	0.99	25	34	33	29.6								
Mean of month			30.020	...	...	...	46.3								
Extreme range			1.00	...	...	...	48.0								

Prevailing winds from some point between— Days.

N. & E.	2
E. & S.	7
S. & W.	11
W. & N.	10

	Days.
Clear	15
Variable	9
Cloudy	
Rain fell on	6

May, 1846.

	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.51	29.50	29.49	46	56	52	51.3	S. E. 1	S. E. 2	S'ly 1	Hazy	10	Rain	0.55	1st. Rain in the afternoon, with thunder.
2	29.44	29.39	29.48	44	55	50	49.7	N'ly 1	N. E. 1	N. E. 1	Misty	10	2		2d. Mild. Evening pleasant.
S 3	29.55	29.59	29.70	50	65	52	55.7	S. W. 1	S. E. 1	S'ly 1	Foggy	10	2		3d. Mild.
4	29.79	29.75	29.75	45	65	51	53.7	S'ly 1	S'ly 2	S'ly 1	Foggy	2	0		4th and 5th. Very fine.
5	29.77	29.70	29.64	47	65	58	56.7	S'ly 1	S. E'ly 2	S'ly 1	0	0	5		6th. Appearances of rain at 10 P. M.; clouds from N. W.
6	29.69	29.75	29.77	52	51	43	48.7	N. E. 2	N. E. 2	N. E. 1	10	10	10		7th. Rather raw.
7	29.82	29.81	29.81	37	62	46	48.3	N. E. 1	E'ly 2	N. E. 2	0	5	10		8th. Occultation of Spica Virginis at 8 h. 41 m. 51 s., mean solar time.
8	29.82	29.78	29.78	43	67	51	53.7	N. E. 1	N. E. 1	N. E. 1	Rain	7	10		9th. Fine showers in the evening.
9	29.74	29.65	29.50	49	62	54	55.0	N. E. 1	S. E. 1	S. E. 1	Foggy	Foggy	Rain	0.80	10th. Heavy thundershower from 5 to 6 A. M.
S 10	29.24	29.11	29.00	56	62	54	57.3	S. E. 1	S. E. 1	S'ly 1	Rain	10	10		11th. Very blustering.
11	29.07	29.13	29.26	44	48	40	44.0	N. W. 3	N. W. 2	N. W. 2	0	10	8		12th. Cold for the season.
12	29.34	...	29.56	39	...	49	...	N. W. 2	...	N. W. 1	2	...	0		13th. Pleasant.
13	29.79	29.78	29.78	43	62	51	52.0	N. W. 2	S'ly 3	S'ly 2	0	2	2		14th. Very windy.
14	29.89	29.91	29.90	55	71	53	59.7	S. W. 3	S. W. 3	S. W. 2	0	4	2		15th. Appearances of rain.
15	29.91	29.88	29.88	57	69	54	60.0	S. W. 2	S. W. 2	S. W. 2	10	10	10		16th. Sprinkling of rain from noon to 1 P. M.
16	29.91	29.93	29.93	55	69	57	60.3	S. W. 1	S. W. 2	S'ly 1	6	7	10		17th. Fine showers in the morning.
S 17	29.92	29.88	29.81	57	70	60	62.3	S. E. 1	S. W. 1	S. W. 1	Rain	10	10	0.67	18th. Fine shower from 6 to 7 P. M., with lightning.
18	29.68	29.51	29.61	60	73	47	60.0	S. W. 2	S. W. 3	N. W. 2	6	4	Rain	0.50	19th. Very cool. Aurora in the evening with faint streamers.
19	29.71	29.68	29.68	38	52	43	44.3	N'ly 2	N. W. 2	N. W. 1	0	0	0		20th. Sprinkling of rain in the evening.
20	29.65	29.48	29.51	40	60	50	50.0	N. W. 1	W'ly 3	S. W. 2	0	0	10		21st. Cool and very clear.
21	29.67	29.75	29.87	43	52	45	46.7	N. W. 2	W'ly 2	N. W. 1	0	0	0		22d. Fine, but cool.
22	29.99	29.96	29.96	41	61	48	50.0	N. W. 1	S. W. 2	S. W. 1	0	2	0		23d. Heavy thundershowers from 7 to 10 P. M.
23	29.89	29.81	29.73	48	54	52	51.3	S. W. 1	S. E.	S. W. 1	4	Misty	Rain	1.43	24th. Pleasant.
S 24	29.77	29.74	29.78	55	67	56	59.3	N. W. 1	N. E. 1	N. E. 1	10	3	10		25th. Fog and appearances of rain.
25	29.80	29.71	29.67	47	63	53	54.3	N. E. 1	S. W. 1	E'ly 1	Foggy	10	Foggy		26th. Warm and damp air.
26	29.64	29.59	29.64	52	71	55	59.3	E'ly 1	N. E. 1	E'ly 1	Foggy	1	Foggy		27th. Light showers.
27	29.66	29.61	29.59	52	58	53	54.3	E'ly 1	E'ly 1	E'ly 1	10	Rain	Rain	0.30	28th. Occasional light showers, with mist.
28	29.54	29.53	29.52	51	60	50	53.7	E'ly 1	E'ly 1	E'ly 1	10	10	Misty		29th. Mist and fog.
29	29.53	29.56	29.60	48	55	48	50.3	N. E'ly 1	N. E. 1	N. E. 1	Misty	10	10		30th. Light rain occasionally.
30	29.62	29.65	29.70	47	52	48	49.0	N. E. 1	N. E. 1	N. E. 2	10	Rain	10	0.33	31st. Light showers.
S 31	29.72	29.72	29.75	48	54	50	50.7	N. E. 1	N. E. 1	N. E. 1	10	Rain	10		
Means	29.68	29.66	29.67	48.0	61.0	50.7	...	1.3	1.7	1.3	6.6	6.6	7.1	4.58	
									1.4			6.8			
REDUCED TO SEA LEVEL.															
Max.	30.17	30.14	30.14	60	73	58	62.3								
Min.	29.25	29.29	29.18	37	48	40	44.0								
Mean	29.86	29.83	29.85												
Range	0.92	0.85	0.96	23	25	18	18.3								
Mean of month			29.847	...	...	...	53.3								
Extreme range			0.99	...	...	...	36.0								

Prevailing winds from some point between— Days.

N. & E.	11
E. & S.	8
S. & W.	7
W. & N.	5

	Days
Clear	5
Variable	15
Cloudy	
Rain fell on	11

June, 1846.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	...	...	...	52	73	58	61.0	N. E. 1	S'ly 1	S'ly 1	10	9	10		Barometer injured; *i. e.*, air got into the sealed end by being moved.
2	...	...	...	56	70	61	62.3	S'ly 1	S. E. 2	S'ly 1	Foggy	9	10		1st. Warm. Sun appeared occasionally.
3	...	...	...	62	75	63	66.7	W'ly 2	W'ly 2	S. W. 2	3	0	0		2d. Warm and damp. Sprinkling of rain in the afternoon.
4	...	...	...	63	83	64	70.0	S. W. 2	S. W. 2	S. W. 3	0	2	8		3d. Very fine.
5	...	...	...	65	80	66	70.3	S. W. 2	S. W. 3	S. W. 2	5	10	8		4th. Warm and fine.
6	...	...	...	63	72	56	63.7	N. W. 2	N. W. 2	N. W. 1	10	0	0		5th. Very sultry. Slight sprinkling at noon.
S 7	...	...	...	53	68	56	59.0	N. W. 2	N. W. 2	W'ly 1	0	0	0		6th. Fine.
8	...	...	...	54	69	57	60.0	N. W. 1	E'ly 1	S. W'ly	0	5	3		7th to 10th. Very fine.
9	...	...	...	51	69	54	58.0	N'ly 1	N. E. 1	S. W. 1	0	3	5		
10	...	...	...	51	74	57	60.7	N. W. 1	S. E. 2	S. W.	3	3	2		
11	...	...	...	57	79	61	65.7	S. W. 1	S. W. 1	N. E. 2	2	6	10		11th. Fine.
12	...	...	...	56	64	49	56.3	N. E. 2	N. E. 2	N. E. 2	10	2	0		12th. Variable. Wind at sunset rather fresh at N. E.; clouds at the same time moving from S. of W.
13	...	...	...	45	70	54	56.3	N. E. 1	S. E. 2	S'ly 1	0	3	0		13th. Pleasant.
S 14	...	...	...	52	72	60	61.3	S. W. 1	S. W. 2	S. W. 1	6	2	0		14th. Very fine. Hot sun. Ground dry.
15	...	...	...	63	73	64	66.7	S. W. 1	S. W. 2	S. W. 1	2	3	Sh'r, 7	0.35	15th. Thundershower at from 6 to 7 P. M
16	...	...	...	58	67	54	59.7	S. W. 2	N. E. 2	N. E. 2	3	0	0		16th. Air rather raw.
17	...	...	...	52	72	54	59.3	N. E. 1	S. E. 2	...	2	2	0		17th and 18th. Pleasant.
18	...	...	...	...	...	...	...	...	...	...	...	...	...		
19	...	...	...	...	77	64	...	...	S. W. 1	S. W. 1	...	3	Rain		19th. Light showers at sunrise; also, from 8 to 9 P. M., with some thunder.
20	...	...	...	63	67	54	61.3	S. W.	N. E'ly 1	N. E. 1	5	10	Sh'r, 5	0.40	20th. Fine shower at 7 P. M.
S 21	...	...	...	53	62	53	56.0	N. E. 2	N. E. 1	N. E. 1	10	10	6		21st. Occasional sprinkling of rain.
22	...	...	...	49	55	50	51.3	N. W. 1	W'ly 2	N. W. 1	8	10	5		22d. Very cool for the solstice.
23	...	...	...	46	54	50	50.0	N'ly 1	N. E. 1	N. E. 1	10	Misty	Rain	0.25	23d. Very cool, with occasional light rain.
24	...	...	...	48	65	53	55.3	N. E. 1	N'ly 1	N'ly 1	10	7	10		24th and 25th. Still cool.
25	...	...	...	50	66	52	56.0	N. E. 1	N. E. 2	N. E. 1	3	5	3		
26	...	...	...	52	62	51	55.0	N. E. 1	N. E. 2	N. E. 2	Rain	5	Rain		26th. Mist, and occasional rain.
27	...	...	...	51	64	54	56.3	N. E. 1	N. E. 2	N'ly 1	10	6	0		27th. Clear and mild in the evening.
S 28	...	...	...	57	70	61	62.7	N. W. 1	N. W. 1	S. W. 1	8	4	10	0.40	28th. More pleasant. Showers during the night.
29	...	...	...	61	73	62	65.3	W'ly 1	S. W. 1	S. W. 1	Rain	5	0		29th. Rained moderately at sunrise.
30	...	...	...	62	73	62	65.7	S. W. 1	S'ly 1	S. E'ly 1	Foggy	2	Foggy		30th. Sunny and pleasant at mid-day.
Means	...	...	...	55.2	69.6	57.0	...	1.3	1.6	1.3	5.6	4.8	5.0	1.30	
								1.4			5.1				
REDUCED TO SEA LEVEL.															
Max.	...	...	...	65	83	66	70.3								
Min.	...	...	...	45	54	49	50.0								
Mean	...	...	...												
Range	...	...	...	20	29	17	20.3								
Mean of month				...	...	...	60.6								
Extreme range				...	...	...	38.0								

Prevailing winds from some point between—	Days.
N. & E.	10
E. & S.	6
S. & W.	9
W. & N.	5

	Days.
Clear	6
Variable, Cloudy	13
Rain fell on	10

(1 day omitted.)

July, 1846.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	...	...	...	61	65	63	63.0	E'ly 2	E'ly 1	E'ly 1	Rain	Rain	Foggy	0.16	1st. Light rain at intervals, and foggy.
2	...	...	...	63	78	67	69.3	E'ly 1	S. W. 2	W'ly 1	10	5	6		2d. Pleasant.
3	...	...	...	63	76	...	...	E'ly 1	E'ly 1	...	5	6	...		3d, 4th, and 5th. Warm and sultry.
4	...	...	...	...	...	...	...	...	...	...	...	...	...		
S 5	...	...	...	...	...	...	...	...	...	...	...	...	...		
6	...	...	...	...	...	...	...	...	...	...	...	...	...		
7	...	...	...	64	77	64	68.3	W'ly 2	W'ly 2	N. W. 1	5	3	2		
8	...	...	...	58	76	64	66.0	N.W'ly 1	W'ly 2	N. W. 1	2	3	5		8th. Pleasant. Clearer sunlight than any day in three weeks.
9	...	...	29.65	60	79	66	68.3	N'ly 1	N. W. 2	N. W. 1	2	2	3		9th. Very fine.
10	29.69	29.68	29.65	67	91	76	78.0	N. W. 1	N. W. 2	S. W. 2	2	5	3		10th. Very hot.
11	29.68	29.67	29.68	75	92	69	78.7	W'ly 1	W'ly 3	N. W. 2	2	5	Shower	0.28	11th. Thundershower from 8 to 9 P. M.
S 12	29.60	29.56	29.58	71	86	71	76.0	S. W'ly 1	S. W'ly 3	N. W. 2	3	3	0		12th. Sprinkling of rain at 5 P. M.
13	29.69	29.70	29.71	64	82	66	70.7	N. W. 1	W'ly 3	N. W. 2	0	3	3		13th. Fine.
14	29.68	29.67	29.69	64	71	62	65.7	S. W. 1	N. W. 2	N. W. 2	5	3	0		14th. Shower from 8 to 10 P. M. Evening beautifully clear.
15	29.78	29.80	29.92	54	72	55	60.3	N. W. 2	N. W. 2	N. W. 1	0	2	0		15th and 16th. Very fine.
16	30.06	30.05	30.15	50	72	56	59.3	N. W. 1	N. W. 1	N. E. 1	0	5	0		
17	30.22	30.21	30.15	58	64	54	58.7	N. E. 2	N. E. 1	N. E. 1	10	10	10		17th. Sprinkling of rain in the afternoon.
18	30.06	30.00	30.00	53	59	58	56.7	N. E. 1	N. E. 1	N. E. 1	10	Misty	10		18th. Cold. Clouds, with occasional sprinkling. Some rain during the night.
S 19	29.90	29.91	29.90	58	67	61	62.0	N. E. 1	N. E. 1	N. E. 1	Misty	10	10		19th. Little warmer, with occasional mist.
20	29.88	29.85	29.85	58	74	63	65.0	N. E. 1	N. E. 1	S. W. 1	10	4	0		20th. Pleasant. Evening very clear.
21	29.90	29.90	29.93	63	75	67	68.3	S. W. 1	S. W. 2	S. W. 1	10	3	7		21st. Warm and damp.
22	29.93	29.88	29.83	66	70	64	66.7	S. W. 1	S. W. 1	S. W. 1	Shower	Rain	10	1.00	22d. Fine showers in the morning.
23	29.59	29.50	29.53	64	76	67	69.0	S. W. 1	N. W.	W'ly	Rain	5	0		23d. Heavy rain in the morning.
24	29.56	29.53	29.53	64	80	66	70.0	N. W. 1	S'ly 2	S. W. 1	0	8	0		24th. Fine.
25	29.55	29.68	29.82	65	62	55	60.7	S. W. 2	N. E. 2	N. E. 2	Foggy	10	10		25th. Quite cool. Misty.
S 26	29.89	29.90	29.91	60	70	60	63.3	N. E. 2	N. E. 1	S'ly 1	10	7	10		26th. Sprinkling of rain in the evening.
27	29.93	29.90	29.91	60	72	59	63.7	S'ly 1	S. W. 1	S. W. 1	Rain	5	0		27th. Rain at sunrise. Sun out a large part of the day.
28	29.92	29.86	29.68	58	74	61	64.3	N. W. 1	S. W. 2	W'ly	Foggy	0	0		28th, 29th, and 30th. Fine.
29	29.59	29.64	29.71	62	81	68	70.3	S. W'ly 2	S. W. 2	W'ly 1	8	6	2		
30	29.67	29.60	29.73	72	87	76	78.3	S. W. 2	S. W. 3	W. 2	Foggy	3	5		
31	29.67	29.66	29.68	76	88	76	80.0	S'ly 4	S. W. 2	S. W. 1	10	2	8		31st. Fog in the morning. Thunder, with sprinkling of rain at 6 P. M.
Means	29.79	29.78	29.79	62.5	75.6	64.2	...	1.4	1.8	1.3	6.4	5.1	4.2	1.44	
								1.5			5.2				
REDUCED TO SEA LEVEL.															
Max.	30.40	30.39	30.33	76	92	76	80.0								
Min.	29.73	29.68	29.71	50	59	54	56.7								
Mean	29.96	29.95	29.96												
Range	0.67	0.71	0.62	26	33	22	23.3								
Mean of month			29.957	...	...	...	67.4								
Extreme range			0.72	...	...	...	42.0								

Prevailing winds from some point between—	Days.
N. & E.	6
E. & S.	2
S. & W.	10
W. & N.	10

	Days.
Clear	4
Variable, Cloudy	13
Rain fell on	11

(3 days omitted.)

August, 1846.

DAYS.	BAROMETER, REDUCED TO 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (DIRECTION AND FORCE.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (TENTHS CLOUDY.) At 6 A. M.	At 1 P. M.	At 10 P. M.	RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
1	29.71	29.77	29.78	72	75	66	71.0	N. W. 3	N. E. 2	N. E. 1	8	10	10		
S 2	29.85	29.88	29.95	65	79	64	69.3	N. W. 2	N. E. 2	N. E. 1	3	0	0		
3	30.03	30.04	30.03	59	83	65	69.0	N. E. 1	N. E. 1	S'ly 1	0	0	0		
4	29.98	...	29.77	63	...	73	...	S'ly 1	...	S'ly	0	...	0		4th. Hot sun.
5	29.84	29.80	29.69	72	93	78	81.0	W'ly 1	W'ly 1	S. W. 1	0	0	0		5th. Excessively hot.
6	29.72	29.70	29.76	74	91	77	80.7	W'ly 1	W'ly 2	N. W. 1	0	5	0		6th. The heat slightly abated. A good deal of haze in the atmosphere.
7	29.85	29.90	...	70	84	...	...	N'ly 2	N. W. 2	...	0	3	...		8th. Quite warm. Hazy; whole sky slightly clouded. From 8 to 10 P. M., rained fast.
8	29.96	29.89	29.87	72	80	69	73.7	N. W. 1	S. E. 4	N. E.	6	2	Shower	0.35	9th. Clear and pleasant. From 8 to 9 P. M., light rain.
S 9	29.80	29.79	29.82	68	84	70	74.0	N. E.	S. W.	S. 4	1	...	...		10th. Fine shower from 7 to 9 P. M.
10	29.78	29.59	29.64	68	78	65	70.3	N. E.	N. E. 1	N.W'ly 1	10	10	Shower	0.45	11th and 12th. Very fine.
11	29.77	29.82	29.86	63	75	64	67.3	N. E. 1	N. E. 1	N'ly 1	3	0	0		
12	29.88	29.87	29.82	63	79	68	70.0	S. W. 1	S. W. 2	S. W. 1	0	2	0		13th. Very warm.
13	29.77	29.60	29.68	70	84	74	76.0	S. W. 1	S. W. 2	S. W. 1	0	0	0		14th. Thundershower at 3 to 4 P. M.
14	29.68	29.62	29.62	74	89	73	78.7	S. W. 1	S. W. 2	S'ly 1	0	6	0	0.10	15th. Copious shower at 2 P. M., with thunder.
15	29.67	29.66	...	72	81	...	...	S'ly 1	W'ly 1	...	Foggy	3	...	0.58	
S 16	...	...	...	...	...	...	...	...	...	...	...	...	...		
17	...	...	...	...	...	...	...	...	...	...	...	...	...		
18	...	...	...	...	...	...	...	...	...	...	...	...	...		
19	...	...	...	...	...	...	...	...	...	...	...	...	...		
20	...	...	...	...	...	...	...	...	...	...	...	...	...		
21	...	...	...	...	...	...	...	...	...	...	...	...	...		
22	...	...	29.69	...	...	67	...	...	...	S. W.	...	...	10		22d. Sprinkling of rain in the afternoon.
S 23	29.65	29.64	29.66	68	71	66	68.3	S. W. 1	N. W. 1	N. W. 1	Rain	Rain	4	0.45	23d. Rain in the morning.
24	29.89	29.93	29.96	60	74	60	64.7	N. E. 1	N. E. 1	N. E. 1	5	5	0		24th. Aurora at the north—rather bright, without streamers.
25	30.04	30.03	30.02	58	72	58	62.7	N. E. 1	S. E'ly 1	N. E. 1	3	10	Rain	0.80	25th. Moderate rain in the evening.
26	29.99	29.95	29.94	55	59	58	57.3	N. E. 1	N. E. 1	N. E. 1	Rain	Rain	10		26th. Moderate rain through the day.
27	29.94	29.94	29.94	60	74	67	67.0	N. E. 1	W'ly 1	S. W. 1	10	8	2		
28	29.98	29.98	29.97	66	79	68	71.0	N'ly	W'ly 1	W'ly 1	Foggy	5	5		28th. Fine.
29	29.96	29.89	29.84	70	81	73	74.7	S'ly	S'ly 1	S'ly 1	Foggy	10	8		29th. Warm and close.
S 30	29.79	...	...	71	...	...	...	W'ly	...	...	5	...	...		
31	...	29.82	29.81	...	82	71	...	...	W'ly 1	S. W'ly	...	0	0		31st. Very warm.
Means	29.84	29.82	29.82	66.6	79.4	67.9	...	1.2	1.5	1.1	4.5	4.7	3.4	2.73	
									1.3			4.2			
REDUCED TO SEA LEVEL.															
Max.	30.22	30.22	30.21	74	93	78	81.0								
Min.	29.83	29.77	29.80	55	59	58	57.3								
Mean	30.01	29.99	29.99												
Range	0.39	0.45	0.41	19	34	20	23.7								
Mean of month		29.997		...	...	...	71.3								
Extreme range		0.45		...	...	...	38.0								

Prevailing winds from some point between— Days.

N. & E.	7
E. & S.	2
S. & W.	12
W. & N.	4

	Days.
Clear	10
Variable	6
Cloudy	
Rain fell on	9

(6 days omitted.)

September, 1846.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.83	...	29.77	67	...	74	...	S. W. 1	...	S. W.	Hazy	...	0		1st. Very warm.
2	29.87	29.87	29.87	72	86	71	76.3	N. W.	S. W.	S. W.	0	0	0		2d, 3d, and 4th. Very hot.
3	29.84	29.77	29.78	71	85	75	77.0	S. W. 1	S. W'ly 2	S. W. 2	Hazy	3	3		
4	29.77	29.74	29.76	75	85	75	78.3	S. W. 2	S. W. 2	S. W. 3	8	5	3		
5	29.82	29.81	29.90	75	87	77	79.7	S. W. 2	S. W'ly 3	W'ly 2	10	3	0		5th, 6th, and 7th. Excessively hot.
S 6	29.96	29.96	29.96	76	87	79	80.7	N. W. 1	S. W. 2	W'ly 1	0	2	0		
7	29.96	29.91	29.86	74	90	75	79.7	S. W. 1	S. W. 3	S. W. 1	Hazy	2	1		
8	29.76	29.70	29.77	72	87	69	76.0	S. W. 1	S. W. 2	N. E. 2	0	4	Shower	1.37	8th. Heavy shower from 6 to 8 P. M.
9	29.98	30.04	30.08	59	62	48	56.3	N. E. 3	N. E. 3	N. W.	2	2	0		9th. Fine.
10	30.25	30.27	30.26	50	67	55	57.3	N. E. 1	N. E. 2	N. E. 1	0	1	3		10th. Fine and cool.
11	30.19	30.08	29.97	55	77	66	66.0	N. E. 1	N. E. 1	S'ly 1	1	7	0		11th. Very fine.
12	29.88	29.76	29.69	69	79	73	73.7	S'ly 1	S. W. 2	S. W. 1	Foggy	3	8, Shr.	0.96	12th. Lightning in the west at 10 P. M. Tempest and rain from 10 to 12 P. M.
S 13	29.72	29.73	29.83	67	83	72	74.0	N. W. 1	N'ly 1	S. W. 1	0	0	0		13th. Very warm.
14	29.72	29.60	29.52	65	77	72	71.3	N. W. 1	S. E'ly	S. W. 1	0	5	0		14th. Fine.
15	29.43	29.50	29.75	72	73	54	66.3	S. W. 1	N. W. 4	N. W. 2	0	0	0		15th. Gust, and change of weather to cooler from 11 to 12 A. M.
16	29.81	29.84	29.88	48	65	52	55.0	N. W.	N. W. 2	N. W. 1	0	0	0		16th. Very fine.
17	29.89	29.85	29.78	47	71	58	58.7	N. W. 1	S. W. 2	S. W. 1	0	5	3		17th. Fine.
18	29.69	29.61	29.64	53	69	60	60.7	E'ly 1	E'ly 2	N. E. 2	3	10	10		18th. Appearances of rain.
19	29.80	29.88	29.92	50	70	63	61.0	N'ly 1	W'ly 1	W'ly 1	0	0	0		19th. Very fine.
S 20	30.01	30.00	29.95	55	75	62	64.0	N. W. 1	S. E'ly 2	S. E'ly 1	0	8	0		20th. Fine. Cloudy at mid-day.
21	29.89	29.78	29.80	57	67	62	62.0	S. W. 1	S. W. 1	N. W. 1	Foggy	Rain	0		21st. Sprinkling of rain at intervals. Evening clear, with an aurora in the north, somewhat bright, with streamers.
22	29.95	29.98	29.96	55	64	52	57.0	N. E. 1	N'ly 1	N. W. 1	10	5	0		22d. Light showers in the morning. Evening clear.
23	30.00	29.94	29.91	47	69	56	57.3	N. W. 1	N. W. 1	N. W. 1	0	0	0		23d. Very fine. Brilliant aurora at 10 P. M., without streamers.
24	29.90	29.84	29.86	55	73	63	63.7	N. W. 1	S. W. 2	S. W. 1	0	0	7		24th. Fine.
25	29.89	...	29.71	59	...	64	...	E'ly 1	...	N. E. 1	10	...	10		25th. Appearances of rain.
26	29.52	29.58	29.72	66	67	54	62.3	S. W. 2	N. W. 2	N. W. 1	4	10	10		26th. Showers at 9 A. M.
S 27	29.76	29.74	29.71	47	64	55	55.3	N. W. 1	N. W. 1	S. E'ly	4	3	Rain		27th. Light shower at from 8 to 9 P. M.
28	29.78	29.83	30.00	46	62	48	52.0	N. W. 1	N. W. 2	N'ly 1	0	0	0		28th and 29th. Very fine.
29	30.03	29.92	29.87	45	68	59	57.3	N. W. 1	S. W. 2	S. W. 1	0	3	6		
30	29.76	29.63	29.60	57	77	62	65.3	S. W. 1	S. W. 2	S. W. 1	3	2	0		30th. Fine.
Means	29.86	29.83	29.84	60.5	74.5	63.5	...	1.2	1.9	1.3	3.6	3.4	2.8	2.33	
									1.5			3.3			
REDUCED TO SEA LEVEL.															
Max.	30.43	30.45	30.44	76	90	79	80.7								
Min.	29.61	29.68	29.70	45	62	48	52.0								
Mean	30.04	30.00	30.02												
Range	0.82	0.77	0.74	31	28	31	28.7								
Mean of month		30.020		...	...	...	66.2								
Extreme range		0.84		...	...	...	45.0								

Prevailing winds from some point between— Days.

N. & E.	6
E. & S.	2
S. & W.	14
W. & N.	8

	Days.
Clear	11
Variable	13
Cloudy	
Rain fell on	6

October, 1846. New Moon, 20d. 2h. 36m. A. M.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.62	29.59	29.76	57	75	56	62.7	S. W. 1	S. W.	N. E. 2	2	Hazy	10		1st Wind came suddenly to N. E. about 8 P. M., and blew briskly.
2	29.82	29.79	29.75	50	56	54	53.3	N. E. 2	N. E. 1	N. E. 1	10	10	Misty		2d. Mist, with occasional dashes of rain.
3	29.76	29.69	29.84	48	56	46	50.0	N'ly 2	N. E. 2	N'ly 1	2	5	0		3d. Very clear in the evening.
S 4	29.93	29.90	29.95	38	58	48	48.0	N. E. 2	N. E'ly 1	N. E. 2	0	5	8		4th. Cool in the morning, but no frost in this immediate vicinity.
5	29.97	29.93	29.97	48	58	52	52.7	N.E. 1	S'ly 1	S. W. 1	10	Misty	0		5th. Fine evening.
6	30.05	30.05	30.06	50	68	55	57.7	S. W'ly 1	W'ly 1	W'ly 1	0	0	0		6th. Pleasant.
7	30.08	30.08	29.98	55	74	60	63.0	W'ly 1	W'ly 2	W'ly 1	Foggy	0	0		7th. Very fine.
8	30.07	30.05	30.11	60	79	63	67.3	W'ly 1	W'ly 1	N. E. 1	0	0	0		8th. Fine, and very warm.
9	30.08	29.88	29.82	55	75	65	65.0	N. E. 1	S. W. 2	N. E. 2	Foggy	0	10		9th. Lightning and sprinkling of rain from 9 to 10 P. M.
10	30.05	30.10	30.22	43	52	40	45.0	N. W. 2	N. W. 3	N. W. 2	0	0	0		10th and 11th. Very fine.
S 11	30.28	30.31	30.27	35	53	42	43.3	N. W. 2	N. E. 1	N. E'ly 1	0	0	0		12th. First slight appearance of white frost in the College yard.
12	30.23	30.13	30.09	35	61	53	49.7	W'ly 1	S. W. 2	S. W. 1	0	2	0		13th. Wind very heavy at S. E. in the afternoon and evening, with moderate rain.
13	29.89	29.66	29.28	54	65	65	61.3	S. E. 1	S. E. 3	S. E. 5	10	Rain	Rain	0.90	14th. Light showers in the afternoon.
14	29.59	29.55	29.54	55	62	56	57.7	N. W. 1	S. W. 1	N. W. 1	0	Rain	8		15th and 16th. Fine.
15	29.73	29.72	29.88	43	60	49	50.7	N. W. 1	N. W. 1	N. W. 1	0	0	0		
16	30.09	30.04	29.94	42	63	57	54.0	N. W. 1	S. W. 2	S. W. 2	0	8	0		
17	29.88	29.82	29.81	57	71	57	61.7	S. W. 2	S. W. 2	S. W. 1	3	7	10		17th. Appearances of rain.
S 18	29.71	29.64	29.75	43	44	41	42.7	N. E. 2	N. E. 2	N. E. 2	Misty	Misty	Misty		18th. Mist, with some rain.
19	29.94	29.98	30.05	38	48	38	41.3	N'ly 2	N. W. 1	N. W. 1	10	5	0		19th. Fine.
20	30.10	30.03	29.99	30	53	44	42.3	N. W. 1	S. E. 1	S. E'ly 1	5	10	10		20th. Black frost. Ice formed in shallow vessels of water.
21	29.95	29.89	29.99	42	56	44	47.3	N. W. 1	N. W. 1	N. W. 1	3	3	0		21st. Fine.
22	30.02	29.85	29.75	35	53	43	43.7	N. W. 1	S. W. 2	N. W. 2	0	10	0		22d. Showers from 6 to 7 P. M. Clear at 9 P. M.
23	29.95	29.85	29.79	28	41	40	36.3	N. W. 1	W'ly 2	W'ly 1	0	2	10		23d. Appearances of storm.
24	29.64	29.61	29.82	43	57	42	47.3	S. W. 2	S. W. 2	W'ly 1	10	1	0		24th. Pleasant.
S 25	29.94	30.00	30.18	34	51	40	41.7	N. W. 1	N. W. 2	N. W. 1	0	0	0		25th. Very fine.
26	30.36	30.28	30.15	32	51	51	44.7	E'ly 1	S. E'ly 2	S'ly 2	0	0	10		26th. Appearances of storm in the evening.
27	29.98	29.81	29.70	57	67	60	61.3	S'ly 2	S. W'ly 3	S. W. 2	10	10	10		27th. Appearances of rain.
28	29.62	29.58	29.61	50	47	38	45.0	N'ly 2	N'ly 2	W'ly 1	10	Misty	Rain	0.65	28th. Light shower at 3 A. M. Showers in the morning and evening.
29	29.79	29.83	29.97	32	47	38	39.0	N. W. 1	N. W. 2	N. W. 1	6	0	0		29th. Ground covered with snow this morning. Evening clear.
30	30.12	30.15	30.30	38	52	38	42.7	W'ly 1	W'ly 1	N. E. 2	7	10	Rain	0.30	30th. Moderate rain in the afternoon and evening.
31	30.39	30.44	30.48	30	48	45	41.0	N. E. 2	N. E. 2	N. E. 2	10	10	10		31st. Air rather raw.
Means	29.96	29.91	29.93	43.8	58.1	49.0	...	1.4	1.7	1.5	4.0	5.1	5.0	1.85	
								1.5			4.7				
REDUCED TO SEA LEVEL.															
Max.	30.57	30.62	30.66	60	79	65	67.3								
Min.	29.77	29.73	29.46	28	41	38	41.7								
Mean	30.14	30.08	30.11												
Range	0.80	0.89	1.20	32	38	27	25.6								
Mean of month			30.110	...	...	...	50.3								
Extreme range			1.20	...	...	...	51.0								

Prevailing winds from some point between—	Days.
N. & E.	7
E. & S.	4
S. & W.	12
W. & N.	8

	Days.
Clear	8
Variable, Cloudy	15
Rain fell on	8

November, 1846. New Moon, 18d. 5h. 52m. P. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
S 1	30.48	30.42	30.39	44	54	45	47.7	N. E. 2	N. E. 2	N. E. 1	10	10	8		1st. Rather raw.
2	30.28	30.20	30.18	47	64	50	53.7	N. E'ly 1	N. E'ly 1	S. E. 1	10	3	Hazy		2d. Pleasant.
3	30.11	30.04	30.03	53	66	59	59.3	N. E. 1	S. E'ly 2	S'ly 1	Misty	9	Hazy		3d. Mild.
4	29.96	29.94	30.06	58	61	51	56.7	S'ly 1	S. W. 2	N. E. 2	Foggy	Misty	10		4th. Moderate rain at intervals in the afternoon.
5	30.14	30.20	30.20	40	56	46	47.3	N. W. 1	N. E. 2	E'ly 1	2	2	3		5th. Bright halo about the moon at 10 P. M.; continued all night.
6	30.23	30.21	30.19	43	55	42	46.7	N. E. 1	N. E. 2	N. E. 1	10	10	Hazy		6th. Bright halo about the moon at 10 P. M.
7	30.19	30.12	30.11	41	59	46	48.7	N. E. 1	N. E. 1	N. E. 1	3	9	5		7th. Pleasant.
S 8	30.08	30.04	30.04	42	59	50	50.3	N. E. 1	N. E. 1	N. E. 1	10	10	10		8th. Halo about the moon at 4 A. M. Appearances of rain in the afternoon.
9	29.96	29.91	29.91	47	55	49	50.3	N. E. 1	N. E. 1	N. E. 2	Rain	Rain	Misty	1.15	9th. Rainy.
10	29.93	29.90	29.92	48	52	56	52.0	N'ly 1	N. E. 1	N. E. 1	Misty	Misty	Misty		10th and 11th. Clouds and mist.
11	29.90	29.83	29.82	50	54	52	52.0	N. E. 1	N. E. 1	N. E. 1	Misty	Misty	10		12th. Clouds and mist, with rain.
12	29.83	29.84	29.94	48	48	45	47.0	N. E. 2	N. E. 3	N. E. 3	Rain	Misty	Misty	0.35	13th. Clouds and mist, some stars visible in the evening.
13	29.98	29.95	29.95	44	46	44	44.7	N. E. 3	N. E. 3	N. E. 3	10	10	8		14th. Sun appeared once or twice in the morning.
14	29.95	29.95	29.99	44	47	45	45.3	N. E. 2	N. E. 2	N. E. 2	10	10	10		15th. Clouds continue. One or two glimpses of the stars only.
S 15	29.99	29.95	29.98	45	53	47	48.3	N. E. 2	N. E. 2	N. E. 2	10	10	10		16th. Rain in the morning. Wind came to the N. W., and partly clear in the evening.
16	29.90	29.92	29.98	46	42	44	44.0	N. E. 2	N. E. 2	N'ly 2	10	Rain	5	0.60	17th. Very fine.
17	30.04	30.01	30.04	38	52	41	43.7	N'ly 1	N. E. 1	N. E. 2	0	0	2		18th. Foggy in the morning.
18	30.08	30.08	29.96	41	48	42	43.7	N. E. 1	S. E. 2	S. 2	Misty	0	0		19th. Foggy in the morning. Rain in the evening, with very blustering wind at a little E. of S. At 9 P. M., barometer 29.46, and falling; at 10 P. M., barometer 29.31, wind as before.
19	29.83	29.69	29.34	44	57	56	52.3	S. 0	S'ly 2	S. E'ly 4	Misty	10	Rain	0.72	20th. Very blustering.
20	29.08	29.19	29.45	46	57	40	47.7	W'ly 3	W'ly 3	N. W. 3	5	7	Hazy		21st. Pleasant.
21	29.69	29.69	29.71	38	49	38	41.7	N. W. 1	N. W. 1	N. W. 1	2	0	0		22d. Copious white frost. Pleasant.
S 22	29.64	29.49	29.31	36	53	45	44.7	S. W. 1	S. W. 2	S. W. 1	3	1	5		23d. Rain in the morning; blustering. Very clear in the evening, with strong wind.
23	29.15	29.30	29.60	36	44	33	37.7	N. W. 2	N. W. 3	N. W. 3	Rain	5	0	0.20	24th. Fine.
24	29.57	29.51	29.54	32	43	36	37.0	N. W. 1	N. W. 2	N. W. 2	3	0	0		25th. Wind light N. E., with very gentle snow. Barometer falling. Wind increased during the morning; snow also increased, mixed with rain. Wind very strong from 5 to 7 P. M., with barometer falling rapidly. At 8 P. M., barometer 28.70; at 8½ P. M., 28.66; at 9 P. M., 28.57; at 10 P. M., 28.57, wind N'ly, and snow; at 10½ P. M., 28.60, having began to show an upward tendency soon after 10 P. M.
25	29.41	29.10	28.47	35	33	30	32.7	N. E. 1	N. E. 1	N'ly 3	Snow	Snow	Snow	1.10	
26	29.05	29.28	29.47	22	29	26	25.7	N. W. 3	N. W. 4	N. W. 3	10	8	0		
27	29.72	29.80	29.88	28	33	30	30.3	W'ly 3	W'ly 2	W'ly 1	2	10	10		
28	29.75	29.71	29.81	38	46	37	40.3	S. W. 1	S. W. 1	W'ly 1	10	2	2		
S 29	29.79	29.68	29.68	38	42	36	38.7	S'ly 1	N. W. 1	N. W. 1	Rain	3	0	0.50	
30	29.70	29.79	29.89	34	34	26	31.3	W'ly 1	N. W. 3	N. W. 3	2	7	5		26th. Very blustering. Evening very clear. 27th. Pleasant. 28th. Very fine. 29th. Moderate rain in the morning. Clear in the evening. 30th. Fine.
Means	29.85	29.82	29.86	41.5	49.7	42.9	...	1.4	1.9	1.8	7.7	6.9	6.4	4.62	
								1.7			7.0				
REDUCED TO SEA LEVEL.															
Max.	30.66	30.60	30.57	58	66	59	59.3								
Min.	29.23	29.28	28.65	22	29	26	25.7								
Mean	30.03	30.00	30.04												
Range	1.43	1.32	1.92	36	37	33	33.6								
Mean of month			30.023	...	...	...	44.7								
Extreme range			2.01	...	...	...	44.0								

Prevailing winds from some point between—	Days.
N. & E.	16
E. & S.	3
S. & W.	3
W. & N.	8

	Days.
Clear	4
Variable, Cloudy	18
Rain or snow fell on	8

December, 1846. New Moon, 18d. 7h. 34m. A. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.04	30.05	30.15	24	32	25	27.0	N. W. 1	N. W. 3	N. W. 1	3	0	0, Hazy		1st. Halo about the moon at 9 P. M.
2	30.24	30.20	29.96	24	33	36	31.0	N. W. 1	S'ly 1	E'ly 1	10	Hail	Rain	0.68	2d. Halo and mist in the afternoon. Moderate rain in the evening.
3	29.57	29.48	29.60	53	55	38	48.7	S'ly 3	W'ly 2	W'ly 1	Rain	9	0		3d Rain in the morning. Clear in the evening.
4	29.76	29.80	29.90	33	37	35	35.0	N. W. 2	N. W. 2	N. W. 2	3	2	9		4th and 5th. Pleasant.
5	30.19	30.16	30.23	28	35	28	30.3	N. W. 1	N. W. 2	N. W. 2	0	0	2		6th. Very fine.
S 6	30.26	30.30	30.33	23	30	23	25.3	N. W. 1	N. W. 2	N. W. 1	0	0	0		7th. Appearances of storm in the evening.
7	30.30	30.17	29.99	18	35	37	30.0	N. W. 1	W'ly 1	E'ly 2	0	9	10		8th. Mist. Rain during the night, commencing at 10 o'clock.
8	29.60	29.50	29.51	43	49	44	45.3	E'ly 1	S. W. 1	W'ly 1	Misty	Misty	10	0.72	9th. Snow and rain in the morning. Clear in the evening.
9	29.50	29.62	29.89	36	40	30	35.3	N'ly 1	N'ly 2	N. W. 1	R'n, sn.	0	0		10th. Began to snow at 6 P. M.; wind about E. by N.
10	29.95	29.85	29.54	24	38	34	32.0	N. W. 1	S. E'ly 1	E'ly 2	0	10	Snow	1.00	11th. Ground covered with heavy damp snow, about one foot deep on the level.
11	29.49	29.51	29.66	33	36	22	30.3	N'ly 1	N. W. 1	N. W. 2	Snow	9	0		12th. Cold, but very clear.
12	29.70	29.69	29.70	17	22	17	18.7	N. W. 1	N. W. 2	N. W. 2	0	0	0		13th to 16th. Fine.
S 13	29.69	29.64	29.70	18	25	21	21.3	N. W. 1	N. W. 2	N. W. 2	0	0	0		
14	29.76	29.76	29.78	15	22	18	18.3	N. W. 1	N. W. 2	N. W. 1	0	0	0		
15	29.76	29.73	29.81	14	21	13	16.0	N. W. 1	N. W. 2	N. W. 1	0	0	0		
16	29.90	29.90	29.93	10	24	16	16.7	N. W. 1	N. W. 1	N. W. 1	0	2	0		
17	29.91	29.74	29.31	12	27	32	23.7	N. E. 1	N. E. 2	N. E. 4	10	10	Rain	0.75	17th. Began to snow at 3 P. M.; wind brisk at N. E. Rain in the evening, with wind much increased and heavy at the same point.
18	29.15	29.09	29.14	33	35	35	34.3	N. E. 2	N'ly 2	N'ly 1	Misty	10	10		18th. Mist in the morning. Sprinkling of rain in the evening.
19	29.21	29.19	29.28	25	37	34	32.0	N. W. 1	W'ly 2	W'ly 2	0	7	10		19th. Mild.
S 20	29.40	29.48	29.64	30	35	27	30.7	N. W. 1	W'ly 2	W'ly 1	10	10	0		20th. Clear in the evening.
21	29.71	29.77	29.98	24	31	25	26.7	W'ly 1	W'ly 2	N. W. 2	8	0	0		21st. Fine.
22	30.09	30.12	30.12	18	31	29	26.0	W'ly 1	S. W'ly 1	W'ly 1	0	Snow	10		22d. Light scattering of snow at 2 P. M.
23	30.15	30.19	30.21	18	27	19	21.3	N. W. 1	N. W. 1	N. W. 1	2	0	0		23d. Fine.
24	30.21	30.12	29.91	14	29	32	25.0	N. W. 1	N. W. 1	S. W. 2	0	0	10		24th. Appearances of rain; wind S. W., increasing at 10 P. M.
25	29.72	29.48	29.41	33	40	33	35.3	S'ly 1	S. W. 1	N'ly 3	5	10	Rain		25th. Moderate rain began at 4 P. M.; wind S.W.
26	29.83	29.90	29.91	20	25	24	23.0	N. W. 2	N. W. 2	W'ly 2	2	0	Hazy		26th. Fine.
S 27	29.57	29.39	29.33	38	43	44	41.7	S. W. 1	S. W. 1	S. W. 3	10	10	5		27th. Halo about the moon in the evening.
28	29.44	29.38	29.42	42	44	42	42.7	S. W. 1	S. W. 1	N'ly 1	10	10	10		28th. Mild.
29	29.93	30.10	30.16	24	31	25	26.7	N. W. 1	N. W. 1	N. W. 1	0	0	8		29th. Very fine.
30	...	29.57	29.75	...	44	35	...	...	S. 2	N. W. 1	...	Rain	0		30th. Rain from 10 A. M. to 4 P. M.
31	29.86	...	29.82	40	...	42	...	N. W. 1	...	S. W.	5	...	Rain		31st. Sprinkling of rain in the evening.
Means	29.80	29.76	29.78	26.1	33.8	29.5	...	1.3	1.6	1.6	4.2	4.2	5.0	3.15	
									1.5			4.5			
REDUCED TO SEA LEVEL.															
Max.	30.48	30.48	30.51	53	55	44	48.7								
Min.	29.33	29.27	29.32	10	21	13	16.0								
Mean	29.98	29.94	29.96												
Range	1.15	1.21	1.19	43	34	31	32.7								
Mean of month		29.960		...	...	...	29.8								
Extreme range		1.24		...	...	...	45.0								

Prevailing winds from some point between—	Days.
N. & E.	2
E. & S.	1
S. & W.	9
W. & N.	19

	Days.
Clear	10
Variable / Cloudy	11
Rain or snow fell on	10

January, 1847. New Moon, 16d. 7h. 37m. P. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.71	29.79	29.84	44	...	44	...	S. W. 1	...	N'ly 1	9	...	10		1st. Very mild and pleasant.
2	29.79	29.86	29.98	36	39	36	37.0	N'ly 1	N'ly 1	W'ly 1	Misty	Misty	Foggy		2d. Mist and fog.
S 3	30.04	30.05	30.17	37	42	32	37.0	N. W. 1	N. W. 1	N. W. 1	10	8	0		3d. Mild. Evening very fine and clear.
4	30.25	30.21	29.94	29	39	36	34.7	N. E. 1	N. E. 2	E'ly 2	10	10	Rain		4th. Snow began at 7 A. M., turned to rain at 9 A. M.
5	29.35	29.53	29.69	48	50	42	46.7	W'ly 3	W'ly 3	W'ly 3	Rain	0	0		5th. Dashes of rain at sunrise. Very clear in the evening.
6	29.85	29.85	29.83	36	47	35	39.3	W'ly 1	S. W. 1	S'ly 1	0	0	0		6th. Very fine. Frost in most places entirely out of the ground.
7	29.60	29.36	29.01	30	43	45	39.3	N. E. 1	N. E. 1	S'ly 1	Foggy	Rain	10		7th. Began to rain from noon to 1 P. M. At 6 P. M., wind S. W'ly, very blustering, barometer falling. At 6½ P. M., barometer 29.10; at 7 P. M., 29.07; at 7½ P. M., 29.08; at 8 P. M., 29 09; at 10 P. M., 29.12, and the wind entirely ceased.
8	29.60	29.73	30.03	22	27	19	22.7	W'ly 3	N. W. 3	N. W. 2	0	0	0		
9	30.19	30.15	30.15	14	25	26	21.7	N. W. 2	S. W. 1	S. W. 1	0	8	10		
S 10	30.11	30.07	30.05	28	31	26	28.3	S. W. 1	S. W. 1	S. W. 1	10	Snow	10		
11	29.86	29.69	29.79	22	25	20	22.3	N. E. 1	N'ly 2	N. W. 1	Snow	9	2	0.65	8th. Cold, but fine.
12	30.03	30.07	30.24	14	21	16	17.0	N. W. 1	W'ly 2	N. W. 1	0	0	0		9th. Haze and gathering clouds in the evening.
13	30.30	30.20	29.99	14	31	31	25.3	N. W. 1	S. W. 1	S. W. 1	0	10	Hazy		10th. The ground covered with snow.
14	29.81	29.69	29.70	31	47	37	38.3	S. W. 2	S. W. 1	W'ly 1	10	10	0		11th. Began to snow at 4 to 5 A. M., and continued nearly all day. Cleared from 9 to 10 P. M. Seven to eight inches of light dry snow fell.
15	29.90	29.76	29.59	37	44	40	40.3	S. W. 1	E'ly 2	E'ly	10	10	Foggy		
16	29.47	29.39	29.70	40	50	34	41.3	S. W. 1	S. W. 1	N. W. 3	10	9	0		12th. Fine.
S 17	30.20	30.21	30.34	16	22	14	17.3	N. W. 1	N. W. 1	N. W. 2	0	0	0		13th. Moderate in the afternoon.
18	30.22	30.19	29.54	20	35	42	32.3	S'ly 1	S. W. 1	S. W. 1	10	Snow	Rain	0.20	14th. Appearances of storm through the day. Very clear in the evening.
19	29.63	29.70	30.14	37	35	19	30.3	N. W. 2	N. W. 2	N. W. 2	8	3	5		15th. Thick fog in the evening.
20	30.31	30.30	30.20	14	23	19	18.7	N. W. 1	N. W. 1	N. W. 1	8	2	2		16th. Light rain in the morning. Clear in the evening and very blustering; wind N. W.
21	29.95	29.79	29.84	15	27	16	19.3	N. W. 1	N. W. 1	N. W. 2	2	5	0		17th. Fine.
22	30.00	29.97	30.00	7	19	15	13.7	N. W. 2	N. W. 2	N. W. 2	0	0	0		18th. Commenced snowing at 11 A. M., but soon turned to moderate rain, which continued during the afternoon and evening.
23	29.77	29.61	29.75	20	35	29	28.0	S. W. 1	S. W. 3	W'ly 1	0	0	2		19th. Rather blustering.
S 24	29.84	29.71	29.88	27	43	34	34.7	S. W. 1	S. W. 2	W'ly 1	3	4	1		20th. At 7 A. M., barometer 30.41; at 10 A. M., 30.47; at 2 P. M., 30.41.
25	30.26	30.15	30.20	20	31	23	24.7	N. E'ly 1	N'ly 1	N. E. 1	2	0	0		21st. Evening very clear and cold.
26	30.16	30.56	29.67	25	37	41	34.3	N. E. 1	S. E. 2	S'ly 1	10	10	10, R'n		22d. Cold, but fine for winter.
27	29.73	29.86	29.99	33	29	14	25.3	N'ly 2	N. W. 2	N. W. 3	10	0	0		23d. Very blustering.
28	30.31	30.30	30.30	8	25	21	18.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		24th. Very fine in the evening.
29	30.06	29.90	29.34	26	41	39	35.3	W'ly 2	W'ly 1	S. E. 3	5	10	Rain	1.28	25th. Very fine.
30	28.76	28.96	29.34	36	32	22	30.0	N. W. 1	N. W. 3	N. W. 5	10	5	3		26th. Light showers in the evening.
S 31	29.58	29.65	29.76	12	21	16	16.3	N. W. 2	N. W. 2	N. W.	2	0	2		27th. Very cold evening.
Means	29.92	29.88	29.87	25.7	33.9	28.5	...	1.4	1.6	1.6	5.8	4.9	4.1	2.13	28th. Very fine.
									1.5			4.9			29th. Rain in the afternoon and evening.
REDUCED TO SEA LEVEL.															
Max.	30.49	30.74	30.52	48	50	45	46.7								
Min.	28.94	29.14	29.19	7	19	14	13.7								
Mean	30.10	30.06	30.05												
Range	1.55	1.60	1.33	41	31	31	33.0								
Mean of month		30.070		...	...	...	29.4								
Extreme range		1.80		...	...	...	43.0								

Prevailing winds from some point between—	Days.
N. & E.	3
E. & S.	2
S. & W.	12
W. & N.	14

	Days.
Clear	9
Variable / Cloudy	13
Rain or snow fell on	9

February, 1847. New Moon, 15d. 6h. 18m. A. M.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.83	29.86	29.97	13	30	23	22.0	N. W.	N. E'ly	N. E.	5	10	10		1st. Cold. 2d. Mild.
2	30.16	30.14	30.12	27	49	36	37.3	N. E.	S. E'ly	S. E. 1	9	10	9		3d. Wind light S. E'ly in the morning. Began to rain moderately at 10½ A. M.; rain continued during afternoon, and wind increased in strength, with barometer falling rapidly. At 7 P. M., wind increased to a gale; barometer 29.24. At 7½ P. M., barometer 29.17; at 8 P. M., 29.10; at 8½ P. M., 29.14; at 9 P. M., 29.14, wind S'ly and much abated, and rain heavy. At 10 P. M., wind still more abated, and barometer 29.14; rain ceased, and the clouds rapidly dispersing; stars out in various directions. At 10½ P. M., barometer still 29.14; nearly all clear overhead.
3	29.92	29.69	29.03	40	47	43	43.3	S. E.	S. E. 3	S'ly 2	10	Rain	5	0.96	
4	29.11	29.25	29.45	28	23	15	22.0	N. W. 2	N. W. 2	N. W. 2	Snow	0	10		
5	29.56	29.54	29.58	10	25	25	20.0	N. W. 1	N. W. 2	N. W. 1	3	0	8		
6	29.70	29.62	29.65	25	41	30	32.0	N. W.	N. W. 1	N. 1	9	7	3		
S 7	29.70	29.61	29.55	25	41	31	32.3	N. W. 1	N. W. 1	S. W. 1	0	2	2		
8	29.48	29.49	29.59	32	41	34	35.7	N. W. 1	N. W. 1	W'ly 1	2	7	10		
9	29.45	29.45	29.65	39	51	40	43.3	S. W. 3	W'ly 2	N'ly 1	8	10	10		
10	29.73	29.71	29.71	32	36	34	34.0	N. E'ly 1	N. E. 1	N'ly 1	Snow	Misty	10		
11	29.72	29.70	29.79	30	37	24	30.3	N. W. 1	N. W. 2	N. W. 1	3	7	0		4th. Blustering and severe. Flurry of snow during the night.
12	29.83	29.76	29.79	20	31	24	25.0	N. W. 1	S. W'ly 2	N. W. 2	6	7	0		
13	29.90	29.84	29.85	17	29	21	22.3	N. W. 1	W'ly 2	N. W. 1	0	10	0		7th. Very fine. Flurry of snow, one inch deep, during the night.
S 14	29.87	29.86	29.86	24	33	29	28.7	W'ly 1	W'ly 2	N'ly 1	3	10	3		8th. Pleasant.
15	29.75	29.74	30.03	34	45	28	35.7	S. W'ly 2	W'ly 1	N. W. 2	Snow	7	3		9th. Very mild.
16	30.30	30.33	30.04	17	27	26	23.3	N'ly 1	N. E. 2	N. E. 2	7	10	Snow		10th. Light snow in the morning. Mist in the afternoon. One and a half to two inches of moist snow fell.
17	29.76	29.77	29.94	26	41	32	33.0	E'ly 1	N. W. 1	W'ly 2	Misty	5	10		
18	30.12	30.11	30.09	26	41	33	33.3	N. W. 1	S. E'ly 1	S'ly 1	2	8	10		11th. Evening very clear.
19	30.06	30.05	30.11	28	35	31	31.3	N. E. 1	E'ly 1	S'ly 1	Snow	10	10	1.75	12th. Pleasant.
20	30.17	30.15	30.16	32	33	31	32.0	W'ly 1	E'ly 1	E'ly	10	10	10		13th. Evening very clear.
S 21	30.10	29.90	29.79	22	27	26	25.0	N. E. 2	N. E. 2	N. E. 1	Snow	Snow	Snow		14th. Haze all around the horizon in the evening.
22	29.71	29.57	29.55	17	27	17	20.3	N. E. 1	N. E. 1	N. E. 3	10	Snow	Snow		15th. Flurry of snow at sunrise.
23	29.78	29.90	30.07	9	20	15	14.7	N. W. 1	N. W. 2	N. W. 1	5	0	0		16th. Began to snow at about 7 P. M.
24	30.18	30.18	30.16	6	29	16	17.0	N. W. 1	N. W. 1	S. W'ly 1	0	0	Hazy		17th. At sunrise, about one inch and a half of moist snow on the ground, which nearly all disappeared during the day.
25	30.09	30.00	30.04	20	28	23	23.7	W'ly 1	S'ly 1	N. E'ly 1	10	10	10		18th. Very mild. Two inches of light snow during the night.
26	30.14	30.17	30.17	11	32	23	22.0	N'ly 1	N. W. 1	W'ly 1	0	0	Hazy		19th and 20th. Very mild.
27	30.12	29.80	29.19	23	34	39	32.0	N. E. 1	S. E'ly 2	S. E. 3	10	Sn., h'l	Rain		21st. Snow during the day; wind light N. E. At 9 P. M., snowing quite moderately. Snow six to eight inches deep.
S 28	29.06	29.16	29.20	37	38	33	36.0	W'ly 2	W'ly 2	W'ly 2	8	10	0		22d. Snow ceased for awhile in the morning, but soon returned, and the storm increased in violence. Barometer at 4 P. M. was 29.60, and began to rise before 9 P. M. Snow about one foot deep.
Means	29.83	29.80	29.79	23.9	34.7	27.9	...	1.3	1.6	1.4	6.5	7.1	6.9	2.71	23d, 24th, and 25th. Pleasant.
									1.4			6.8			26th. Very pleasant.
REDUCED TO SEA LEVEL.															27th. Steady rain in the afternoon and evening.
Max.	30.48	30.33	30.35	40	57	43	43.3								28th. Pleasant.
Min.	29.24	29.34	29.21	6	20	15	14.7								
Mean	30.01	29.98	29.97												
Range	1.24	0.99	1.14	34	31	28	28.6								
Mean of month			29.986	...	...	...	28.8								
Extreme range			1.27	...	...	...	45.0								

Prevailing winds from some point between— Days.

	Days.
N. & E.	7
E. & S.	5
S. & W.	0
W. & N.	16

	Days.
Clear	4
Variable	16
Cloudy	
Rain or snow fell on	8

March, 1847. New Moon, 16d. 4h. 3m. P. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.36	29.41	29.61	26	29	25	26.7	W'ly 2	W'ly 3	N. W. 2	5	2	2		1st. Blustering.
2	29.76	29.79	29.91	25	28	24	25.7	N. W. 1	N. W. 2	N. W. 1	3	0	0		2d. Rather blustering. Evening very fine.
3	30.01	30.03	29.99	20	34	33	29.0	N. W. 1	W'ly 2	S. W'ly 1	0	0	10		3d and 4th. Pleasant.
4	29.92	29.93	29.94	32	...	29	...	S. W'ly 1	...	N'ly 1	10	...	0		5th. Very fine.
5	30.06	30.10	30.18	26	38	33	32.3	N. W. 1	N. E. 1	N. E. 1	0	2	0		6th. Splendid day.
6	30.30	30.30	30.26	25	42	33	33.3	W'ly 1	W'ly 1	W'ly 1	2	0	2		7th. Mist, with appearances of rain.
S 7	30.20	30.02	29.87	29	41	38	36.0	W'ly 1	S. E'ly 1	S. E'ly 1	3	10	Misty		8th. Very clear in the evening.
8	29.80	29.80	29.92	44	52	38	44.7	W'ly 1	W'ly 1	W'ly 2	10	4	0		9th. Air very raw and disagreeable.
9	30.08	30.08	30.06	32	37	32	33.7	N. W. 1	W'ly 1	N'ly 1	2	10	10		10th. A little rain during the day. Very clear in the evening.
10	29.90	29.87	29.75	33	37	35	35.0	S. W. 2	S. W. 2	N. W. 3	10	Rain	0		11th. Very raw and unpleasant.
11	29.87	29.80	29.77	24	29	24	25.7	N. W. 2	N. W. 2	N. W. 1	3	6	Hazy		12th. Fine, but cold.
12	29.72	29.68	29.70	17	29	24	23.3	N. W. 1	N. W. 2	W'ly 2	0	0	0		13th. Fine.
13	29.70	29.65	29.74	20	30	24	24.7	N. W. 2	N. W. 2	N. W. 1	10	0	0		14th. Very fine, though cool.
S 14	29.80	29.74	29.83	17	33	28	26.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		15th. Fine.
15	29.87	29.86	29.86	22	40	29	30.3	W'ly 1	W'ly 2	W'ly 1	0	3	0		16th. Flurry of snow from N.W. at sunset, then clear.
16	29.90	29.84	29.90	18	29	21	22.7	N. W. 1	N. W. 2	N. W. 2	0	2	0		17th. Very fine.
17	30.01	29.98	30.04	19	34	29	27.3	N. W. 2	N. W. 2	N. W. 2	0	5	0		18th. Flurry of snow from 5 to 7 P. M.
18	30.07	29.96	29.91	27	45	33	35.0	N. W. 1	S. E. 2	S'ly 1	0	3	3		19th. Very fine. During the evening a brilliant aurora, extending from N. W. round to N. E. and somewhat beyond, with coruscations shooting up, and Merry Dancers running in splendid profusion quite across the heavens from north to south.
19	29.96	29.99	30.06	26	42	33	33.7	N. W. 1	N. W. 1	N. W. 1	6	2	0		20th. Pleasant during the day. Appearances of storm in the evening.
20	30.10	30.02	29.89	30	45	39	38.0	N. W. 1	S. E'ly 2	S. E. 3	0	2	10		21st. Moderate rain at intervals.
S 21	29.69	29.73	29.82	47	50	41	46.0	S. W. 2	S. W. 1	N. E. 2	10	Rain	Misty	0.33	22d. Cold and wet; rain and drizzle.
22	29.79	29.71	29.70	34	35	32	33.7	N. E. 3	N. E. 4	N. E. 1	Misty	Misty	Rain		23d. Rain and drizzle.
23	29.72	29.71	29.64	29	35	35	33.0	N. 2	N. E. 2	N. E. 1	10	Misty	10		24th. Small amount of rain and snow in the morning. Very clear in the evening.
24	29.51	...	29.74	35	...	35	...	N'ly 1	...	W'ly	Rain	...	0	0.10	25th. Very fine.
25	29.84	29.81	29.70	31	50	41	40.7	N. W. 1	S. W. 2	S'ly 1	0	3	0		26th. Sprinkling of rain in the afternoon. Rain and wind increased in the evening.
26	29.74	29.81	29.14	37	52	49	46.0	E'ly 1	S. E'ly 1	S. E. 3	8	10	Rain		27th. At 7½ A. M., barometer 28.53; wind strong S. E'ly. At 8½ A. M., barometer 28.50; at 9 A. M., 28.46; at 10 A. M., 28.46; at 11 A. M., 28.54, wind W'ly 3, rain and snow; at noon, 28.60, wind N. W'ly; at 1 P. M., 28.70; at 2 P. M., 28.80; at 6 P. M., 29.10. At 9 A. M., the barometer was lower than at any time since the commencement of my Diary in Dec. 1831.
27	28.43	28.59	29.23	37	37	29	34.3	S. E'ly 3	N. W. 3	N. W. 2	Misty	10	10		
S 28	29.57	29.66	29.80	24	34	27	28.3	N. W. 2	N. W. 2	N. W. 2	0	0	0		
29	29.74	29.52	29.50	27	35	32	31.3	W'ly 1	S. W. 2	N. W. 1	9	Snow	5		28th. Cold and blustering.
30	29.73	29.76	29.77	23	39	33	31.7	N. W. 1	N. W. 2	S'ly 2	2	0	7		29th. Very raw and chilly in the morning, the air full of snow. Evening mild.
31	29.61	29.72	29.85	24	35	25	28.0	N. E. 2	N'ly 1	N. W. 1	Snow	10	0		30th. Pleasant.
Means	29.80	29.80	29.81	27.7	37.8	31.7	...	1.5	1.9	1.5	4.7	4.5	3.9	3.17	31st. Snow in the morning, seven or eight inches deep. Clear in the evening.
									1.6			4.4			
REDUCED TO SEA LEVEL.															Note.—Rain-gauge defective. Amount of rain in this month taken from the record of Z. Allen.
Max.	30.48	30.48	30.44	47	52	49	46.0								
Min.	28.61	28.77	29.32	17	28	21	22.7								
Mean	29.98	29.98	29.99												
Range	1.87	1.71	1.12	30	24	28	23.3								
Mean of month			29.983	...	...	...	32.4								
Extreme range			1.87	...	...	...	35.0								

Prevailing winds from some point between— Days.

	Days.
N. & E.	3
E. & S.	4
S. & W.	4
W. & N.	20

	Days.
Clear	12
Variable	9
Cloudy	
Rain or snow fell on	10

April, 1847. New Moon, 15d. 1h. 14m. A. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	30.11	30.10	30.07	15	33	26	24.7	N. W. 1	N. W. 2	W'ly 1	0	2	0		1st. Snow about six inches deep on the ground. Thermometer 15° at sunrise. Large portions of the cove froze over last night. The day pleasant.
2	29.91	29.70	29.73	31	42	34	35.7	S'ly 3	S'ly 1	N. W. 1	Snow	Misty	10		2d. Snow fell in the morning about two inches deep.
3	29.77	29.76	29.84	36	46	38	40.0	S. W. 1	S. W'ly 1	W'ly 1	7	5	0		3d. Very fine.
S 4	29.84	29.65	29.58	39	43	35	39.0	N'ly 1	S'ly 2	N. E. 2	10	10	10		4th. Mist, and occasional sprinkling of rain.
5	29.78	29.86	29.98	32	47	38	39.0	N. W. 1	N. E. 2	N. W. 1	5	2	0		5th. Very fine.
6	30.00	29.94	29.78	35	43	39	39.0	S. W'ly 1	S. W. 2	S'ly 1	5	10	Rain		6th. Rain in the evening, with thunder and lightning.
7	29.62	29.62	29.78	38	54	45	45.7	N. W'ly 1	N. W'ly 2	N. W. 2	7	6	8		7th and 8th. Pleasant.
8	29.89	29.65	29.65	41	44	44	43.0	N. W. 1	W'ly	W'ly	0	4	4		9th. Shower from 4 to 5 A. M. The day very blustering.
9	29.39	29.51	29.70	50	55	42	49.0	N. W. 1	N. W. 2	N. W. 1	Sh'r, 7	2	0		10th. Very blustering. Dashes of rain during the day.
10	29.59	29.41	29.47	37	60	44	47.0	W'ly 2	S. W'ly 4	N. W. 1	0	7	0		11th. Cool, and rather blustering.
S 11	29.64	29.63	29.77	35	43	32	36.7	N. W. 1	N. W. 3	N. W. 1	0	5	0		12th. Variable.
12	29.81	29.57	29.67	33	51	48	44.0	S. W'ly 1	S. W. 2	N. W. 2	9	5	10		13th. Fine.
13	29.81	29.86	29.96	42	48	36	42.0	W'ly 1	N'ly 1	N. W. 1	10	0	0		17th. Small quantity of rain in the evening.
14	29.98	29.99	29.96	32	52	39	41.0	N. W. 1	S. W. 3	N. W.	0	0	0		18th. Very blustering and cold for the season.
15	29.81	29.65	29.66	32	59	41	44.0	S.	S. W.	N. W.	9	10	10		19th. Thermometer at sunrise stood at 24°: the ground frozen quite hard. Air raw and chilly through the day.
16	29.74	29.78	29.82	30	44	39	37.7	N. W.	N. W. 2	N. W.	0	4	0		20th. Pleasant.
17	29.79	29.70	29.69	39	50	41	43.3	S. W. 2	S. W. 3	S. W. 1	8	10	Rain		21st. Very warm and sultry. Observed a full-grown, active grasshopper in the street—rara avis.
S 18	29.84	29.85	30.21	28	41	29	32.7	N. W. 2	N. W. 3	N. W. 2	0	3	0		22d. Summer heat and sultry. Wind changed from S. W. to N. E. from about 7 to 9 P. M.
19	30.30	30.25	30.20	26	47	36	36.3	N. W. 2	S. W. 2	S. W. 1	0	7	5		23d. Mist at sunrise. Commenced raining moderately from 8 to 9 A. M. Rain, hail, and snow from 4 to 5 P. M., the snow falling in scattered flakes of extraordinary size, many of them being fully an inch in diameter.
20	30.17	30.13	30.09	31	56	46	44.3	S. W'ly 1	S. W. 2	S. W. 2	2	4	10		24th. Cold and blustering.
21	29.99	29.82	29.82	46	69	57	57.3	S. W. 1	S. W. 2	S. W. 1	Misty	9	8		25th. Chilly.
22	29.84	29.77	29.85	56	82	55	64.3	S. W. 1	S. W. 3	N. E. 2	3	2	10		27th. Cold and blustering in the afternoon.
23	...	29.89	30.06	42	38	36	38.7	N. E. 2	N. E. 2	N. E. 3	Misty	Rain	9		28th. More pleasant at sunrise, a great deal of ice, and the ground frozen.
24	...	30.11	30.12	...	42	32	...	...	N. E.	N. E.	...	7	0		29th. Light showers in the afternoon.
S 25	30.19	30.11	30.01	30	44	36	36.7	N. W.	S.	S.	0	3	0, Haze		
26	29.87	29.68	29.57	34	65	53	50.7	S. W.	S. W.	S. W.	0	5	10		
27	29.40	29.31	29.44	46	70	44	53.3	S. E. 2	N. W. 4	N. W. 3	7	9	0		
28	29.68	29.69	29.69	33	52	43	42.7	W. 2	N. W. 2	S. W. 2	0	0	3		
29	29.50	29.34	29.31	49	63	53	55.0	S. W. 1	S. W. 1	S. W. 1	10	10	10, R'n	0.15	
30	29.45	29.42	29.54	45	65	45	51.7	N. W. 1	S. W. 1	N. W. 3	0	3	9		
Means	29.81	29.76	29.80	36.6	51.6	40.8	...	1.3	2.1	1.6	4.4	5.5	4.8	1.72	Note.—Rain-gauge defective. Amount of rain in this month taken from the record of Z. Allen.
									1.7			4.9			
REDUCED TO SEA LEVEL.															
Max.	30.48	30.43	30.39	56	82	57	64.3								
Min.	29.57	29.49	29.49	15	33	26	24.7								
Mean	29.99	29.94	29.98												
Range	0.91	0.94	0.90	41	49	31	39.6								
Mean of month			29.970	...	...	...	43.0								
Extreme range			0.99	...	...	...	67.0								

Prevailing winds from some point between—	Days.
N. & E.	3
E. & S.	0
S. & W.	14
W. & N.	13

	Days.
Clear	7
Variable, Cloudy	14
Rain fell on	9

May, 1847. New Moon, 14d. 10h. 15m. A. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.76	29.71	29.82	35	55	48	46.0	N. W. 2	N. W. 1	N. W. 1	0	2	5		1st. Pleasant.
S 2	29.92	29.91	29.69	44	45	39	42.7	S'ly 1	E'ly 2	N. E. 1	10	Rain	Rain	1.20	2d. Moderate rain from 10 A. M.
3	29.74	29.72	29.89	38	58	47	47.7	W'ly 1	W'ly 2	W'ly 1	3	5	0		3d. Pleasant.
4	29.96	30.02	29.98	48	60	47	51.7	N. W. 1	N. W.	W'ly 1	0	2	0		4th. Fine.
5	30.00	30.02	30.03	45	68	48	53.7	N'ly 1	N. W. 1	S. W. 1	0	2	0		5th and 6th. Very fine.
6	29.97	29.92	29.88	47	71	49	55.7	W'ly 1	E'ly 1	S. E'ly 1	0	2	0		7th. Morning very cool. Began to mist at 5 P. M.
7	29.74	29.57	29.45	43	62	46	50.3	N. E. 2	N. E. 2	N. E. 3	0	10	Misty		8th. Mist, and occasional light rain.
8	29.30	29.26	29.40	44	55	52	50.3	N. E. 2	N. E. 2	N'ly 1	Misty	10	10		9th, 10th, and 11th. Very fine.
S 9	29.57	29.64	29.75	55	70	54	59.7	W'ly 1	S'ly 2	S'ly 1	3	2	0		12th. Mist and clouds, but no rain.
10	29.80	29.75	29.76	53	73	57	61.0	S'ly 1	S'ly 1	S'ly 1	4	0	Foggy		13th. Cold and blustering.
11	29.73	29.67	29.66	55	76	60	63.7	S'ly 1	S. E'ly 1	S. W. 1	Foggy	3	0		14th. Cool, with occasional mist. Wind came to N. W. from 7 to 8 P. M.
12	29.70	29.72	29.79	50	55	45	50.0	N. E. 2	N. E. 2	N. E. 2	Misty	10	10		15th. Fine, but cool. Aurora in the evening with faint streamers.
13	29.78	29.80	29.80	45	47	45	45.7	N. E. 3	N. E. 2	N. E. 3	10	10	5		16th. Fine.
14	29.83	29.85	29.86	40	49	44	44.3	N. E. 3	N. E. 2	N. W. 2	Misty	10	0		17th. Pleasant.
15	29.83	29.85	29.88	41	57	43	47.0	N. E. 2	N. E. 3	N. E. 2	0	4	0		18th. Gentle rain from N. W'ly and N'ly most of the day.
S 16	29.88	29.86	29.86	42	60	45	49.0	N. E. 3	N. E. 3	N. E. 2	0	0	0		19th and 20th. Very fine.
17	29.88	29.74	29.71	44	65	47	52.0	N. E. 2	N. E. 2	N. E. 1	0	0	2		21st. Pleasant.
18	29.56	29.51	29.53	51	55	53	53.0	N'ly 1	N. W. 1	N'ly 1	10	Rain	10	0.25	22d. Fog, and appearances of rain.
19	29.59	29.62	29.69	50	71	56	59.0	N. W. 1	S'ly 2	Calm	0	3	1		23d. Pleasant.
20	29.76	29.75	29.83	48	70	51	56.3	N. E. 1	N. E. 2	N. E. 1	0	0	0		24th. Occasional mist during the day. Shower in the evening, and again during the night.
21	29.87	29.80	29.85	46	72	48	55.3	N. E. 1	S'ly 2	S. E'ly 1	0	4	Foggy		25th. Very fine.
22	29.79	29.75	29.76	47	56	54	52.3	S'ly 1	S'ly 1	S'ly 1	Foggy	10	10		26th. Halo around the moon in the evening.
S 23	29.81	29.80	29.88	58	63	58	59.7	S. W. 1	S. W. 2	S'ly	9	5	Foggy		27th. Pleasant.
24	29.85	29.80	29.72	57	67	63	62.3	S. E'ly 1	S. W. 1	S. E'ly 2	Misty	10	Shower	0.30	28th. Very fine.
25	29.67	29.63	29.66	63	75	65	67.7	S. W. 1	S. W. 2	S. W. 1	10	5	0		29th. Hot sun. Lightning at the north in the evening.
26	29.64	29.66	29.81	55	74	58	62.3	S. W. 1	S. W. 1	N. W. 2	4	Shower	8		30th. Light rain in the morning. Cool.
27	29.98	29.95	29.97	50	71	54	58.3	N'ly 1	S. E'ly 2	S. W. 2	2	5	7		31st. Rain in the evening.
28	29.89	29.82	29.79	51	74	64	63.0	S. W. 1	S. E'ly 2	S. W. 1	1	0	0		
29	29.77	29.67	29.58	57	76	61	64.7	N'ly 1	S. E'ly 1	W'ly 1	3	0	8		
S 30	29.75	29.85	29.95	46	53	47	48.7	N. E. 2	N. E. 2	N. E. 1	Rain	10	3	0.27	
31	29.97	29.97	29.90	44	61	48	51.0	N. E'ly 1	S. W. 2	E'ly 1	3	10	Rain		
Means	29.81	29.79	29.81	48.1	63.3	51.5	...	1.4	1.7	1.4	4.3	5.3	4.8	2.02	Note.—On the 1st of May, I commenced observations with a standard cistern barometer (with an ivory point and adjusting screw), made by J. H. Temple, Boston. The Vernier reads to the 1-100 of an inch, and the readings have been uniformly taken at the lowest ring of the meniscus formed at the top of the tube. The thickness of the meniscus is very nearly 3-100 of an inch; hence, all the readings of this month must be increased by that amount. The means and the reductions to sea level are corrected. The readings will hereafter be to the top of the meniscus.
									1.5			4.8			
REDUCED TO SEA LEVEL.															
Max.	30.21	30.23	30.24	63	76	65	67.7								
Min.	29.51	29.47	29.61	35	45	43	42.7								
Mean	29.99	29.96	29.99												
Range	0.70	0.76	0.63	28	31	22	25.0								
Mean of month			29.980	...	...	...	54.3								
Extreme range			0.77	...	...	...	41.0								

Prevailing winds from some point between—	Days.
N. & E.	10
E. & S.	7
S. & W.	9
W. & N.	5

	Days.
Clear	12
Variable, Cloudy	13
Rain fell on	6

June, 1847. New Moon, 12d. 7h. 44m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.		At 1 P. M.		At 10 P. M.		WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.77	29.69	29.58	51	62	60	57.7	N'ly	1	N'ly	1	E'ly	1	Misty	Misty	10, Sh'r	1.10	1st. Rain during the preceding night, and occasional showers this morning. Some stars out in the evening. Thundershower during the night.
2	29.57	29.60	29.75	59	74	60	64.3	N. W.	1	N. W.	2	Calm		10	3	0		2d. Pleasant.
3	29.83	29.77	29.74	56	73	62	63.7	N. W.	1	S. W.	2	S'ly	1	4	3	Shower	1.13	3d. Sprinkling of rain in the evening.
4	29.56	29.45	29.57	59	72	66	65.7	S. E.	2	S. W.	2	W'ly	1	Rain	10	3		4th. Showery in the morning.
5	29.68	29.67	29.76	65	72	57	64.7	N. W.	1	W.	1	N. W.	2	0	7	0		5th and 6th. Fine.
S 6	29.84	29.78	29.81	54	74	61	63.0	N. W.	1	N. W'ly	2	Calm		2	4	0		7th. Very fine.
7	29.88	29.88	29.93	54	78	60	64.0	N. W.	1	N'ly	1	S'ly	2	0	2	0		8th. Fine.
8	30.02	29.98	30.00	60	78	66	68.0	S'ly	1	S'ly	1	S'ly	1	Hazy	6	10		9th. Light showers in the morning, just enough to lay the dust.
9	30.01	29.95	29.86	61	65	62	62.7	S'ly	1	S'ly	2	S. W.	2	10	Rain	2		10th. Very fine.
10	29.75	29.71	29.68	63	80	64	69.0	S. W.	2	S. W.	3	S. W.	2	5	0	0		11th. Air very damp. Began to rain moderately from 8 to 9 P. M.
11	29.64	29.56	29.51	65	77	65	69.0	S. W.	3	S. W.	3	S. W.	2	10	8	Rain	0.35	12th. Very fine. Aurora in the evening—quite brilliant at 10 o'clock.
12	29.48	29.46	29.60	65	74	57	65.3	S. W.	1	N. W.	2	N. W.	1	8	0	6		13th. Began to rain from 8 to 9 P. M.
S 13	29.58	29.56	29.45	58	77	62	65.7	N. W.	1	S'ly	3	S. W.	2	0	2	Rain	0.47	14th. Fine shower from the S. W. Thunder in the afternoon. From 4 to 5 P. M., wind came to N. W., and grew cool.
14	29.34	29.22	29.25	60	71	58	63.0	S. W.	1	S. W.	2	N. W.	2	8	Sh'r, 5	5	0.28	15th. Very cool and blustering.
15	29.31	29.40	29.56	50	60	50	53.3	N. W.	2	W.	2	N. W.	1	3	8	0		16th. Frost in some places in the vicinity this morning.
16	...	...	29.79	49	...	60	...	N. W.	1	N. W.	2	N. W.	1	0	2	0		17th. Very fine. Gust and sprinkling of rain from 4 to 5 P. M.
17	29.88	29.86	29.98	54	75	58	62.3	N. W.	1	N'ly	2	Calm		0	2	0		18th. Very fine.
18	30.09	30.03	30.06	57	77	61	65.0	N. E.	1	N. E.	2	S'ly	1	0	1	2		19th. Rained very gently in the evening.
19	30.06	...	29.93	58	...	59	...	S. W.	1	...		S. W.	1	5	...	Rain		20th. Sprinkling of rain in the afternoon and evening. Rain during the night.
S 20	29.83	29.81	29.80	62	65	56	61.0	S'ly	2	S'ly	3	S'ly	1	10	10	Misty	1.60	21st. Moderate rain in the morning.
21	29.67	29.75	29.86	60	63	61	61.3	S'ly	2	N. W.	1	E'ly		Rain	10	8		22d. Drizzle. Showers in the evening.
22	29.94	29.89	29.85	57	68	65	...	N. E.	1	E'ly	1	S'ly	1	Foggy	Rain	Rain	0.45	23d. Fine in the afternoon.
23	29.86	29.84	29.88	61	75	69	68.3	N. W.	1	W'ly	2	W'ly	1	10	4	3		24th. Very fine.
24	29.96	29.92	29.88	62	82	68	70.7	N. W.	1	W'ly	1	W'ly	1	0	2	0		25th. Very fine and warm.
25	29.84	29.84	29.79	67	86	75	76.0	N. W.	1	W'ly	1	W'ly	1	0	0	2		26th. Warm. Light showers at 7 P. M.
26	29.81	29.74	29.75	70	86	72	76.0	W'ly	1	N. W.	1	N. W.	1	0	4	Sh'r, 0		27th. Very warm sun.
S 27	29.74	29.72	29.70	70	87	76	77.7	N. W.	1	N. W.	1	W'ly	1	0	1	0		28th. Light shower, with thunder, from 5 to 6 P. M.
28	29.70	29.65	29.65	72	90	73	78.3	N. W.	1	N'ly	1	W'ly	1	0	5	Sh'r, 9	0.10	29th. Morning very hot. Thundershower from noon to 1 P. M., with showers till 4 P. M.
29	29.61	29.62	29.66	72	68	65	68.3	S'ly	1	N. E.	1	N. E.	2	5	Rain	10	0.90	30th. Moderate rain in the morning. Clear in the evening.
30	29.71	29.73	29.75	62	65	60	62.3	N. E.	1	N. E.	1	N. E.	1	Rain	10	2	0.60	
Means	29.76	29.72	29.75	60.4	74.1	62.9	...	1.2		1.7		1.2		4.8	4.9	4.4	6.98	
								1.4						4.7				
REDUCED TO SEA LEVEL.																		
Max.	30.27	30.21	30.24	72	90	76	78.3											
Min.	29.49	29.40	29.43	49	60	50	53.3											
Mean	29.94	29.89	29.93															
Range	0.76	0.81	0.81	23	30	26	25.0											
Mean of month			29.920	...	...	...	65.8											
Extreme range			0.87	...	...	...	41.0											

Prevailing winds from some point between—	Days.
N. & E.	5
E. & S.	1
S. & W.	11
W. & N.	13

	Days.
Clear	8
Variable, Cloudy	7
Rain fell on	15

July, 1847. New Moon, 12d. 6h. 30m. A. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.		At 1 P. M.		At 10 P. M.		At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.79	29.80	29.86	59	70	60	63.0	N. E.	2	N. E.	3	N. E.	2	6	10	10		1st. Cool for the season.
2	29.88	29.89	29.92	59	69	62	63.3	N. E.	2	N. E.	2	N. E.	1	6	10	9		2d. Cool; occasional sunshine.
3	29.92	29.88	29.88	58	76	63	65.7	N'ly	1	N. E.	2	Calm		3	0	0		3d. Fine.
S 4	29.83	29.80	29.80	65	84	73	74.0	W'ly	1	N. W.	1	Calm		6	1	0		4th. Very hot.
5	29.79	29.76	29.79	73	90	77	80.0	W'ly	1	N. W.	1	N. W.	1	0	0	0		5th. Very hot air, light.
6	29.84	29.82	29.83	69	84	73	75.3	N'ly	1	N. E.	1	S'ly	1	Hazy	10	Hazy		6th. Thick haze all day; very sultry.
7	29.83	29.78	29.83	67	87	73	75.7	S'ly	1	N. W'ly	2	E'ly	1	Hazy	Hazy	0		7th. Very warm and sultry, and hazy. Scarcely a breath of air.
8	29.86	29.84	29.87	70	86	72	76.0	E'ly	1	E'ly		S'ly	1	Hazy	0	6		8th. Very warm.
9	29.85	29.82	29.83	70	85	70	75.0	S'ly	1	S'ly	1	S'ly	1	Hazy	0	0		9th. Very warm; hazy through the day. Aurora in the evening.
10	29.81	29.76	29.79	67	83	73	74.3	S'ly	1	S. E'ly	2	S'ly	1	8	5	7		10th. Very warm.
S 11	29.79	29.79	29.80	72	83	73	76.0	S'ly	1	S'ly	2	S'ly	1	Foggy	8	10		12th. Very warm, with fresh breeze.
12	29.77	29.73	29.67	70	81	73	74.7	S'ly	2	S'ly	2	S'ly	1	10	3	2		13th. Gust from 2 to 3 P. M, with thunder and light rain.
13	29.57	29.57	29.55	73	83	72	76.0	S'ly	1	S. W'ly	1	N'ly		Foggy	Shower	0	0.08	14th to 17th. Fine.
14	29.64	29.70	29.77	63	79	65	69.0	N. W.	1	N. E.	2	N. E.	2	5	0	0		
15	29.76	29.76	29.82	62	79	63	68.0	N. W.	1	S. E'ly	2	N. E.	1	0	3	0		
16	29.87	29.88	29.93	62	79	70	70.3	N. E'ly	1	W'ly	1	W'ly	1	2	3	0		
17	29.97	29.90	29.87	65	83	73	73.7	W'ly	2	S. W.	3	S. W.	2	0	0	0		18th. Morning very hot and sultry. Thunder from noon to 1 P. M. Wind came to N. E., and grew cooler immediately.
S 18	29.92	29.91	29.97	74	88	68	76.7	W'ly	1	W'ly	2	N. E.	1	0	5	10		19th. Very hot.
19	29.94	29.89	29.89	70	93	76	79.7	S'ly	1	S. W.	2	S. W.	2	10	1	0		20th. Very hot, with a fine breeze.
20	29.91	29.82	29.81	75	91	77	81.0	S. W'ly	2	S. W.	2	S. W.	2	0	1	0		21st. Appearances of rain in the evening.
21	29.86	29.81	29.79	73	87	77	79.0	S. W.	2	S. W.	3	S. W.	2	0	1	10	0.60	22d. Fine rain from 6 to 9 P. M., with thunder.
22	29.79	...	29.83	75	...	73	78.0	S. W.	2	...		N. E'ly		8	...	Rain		23d. Very warm.
23	29.93	29.94	30.01	73	83	72	76.0	W'ly	1	W'ly	2	S. W.	1	5	6	3		24th. Very fine.
24	29.03	30.01	29.96	68	83	70	73.7	N. W.	1	S. E'ly	2	Calm		0	0	0		25th. Air very damp and close. Sprinkling of rain at 11 A. M. and 9 P. M.
S 25	29.91	29.80	29.65	70	81	73	74.7	S. W.	2	S. W.	2	S. W.	1	10	9	Rain		26th. Shower and gust at 4 P. M.
26	29.57	29.45	29.62	74	89	69	77.3	S. W.	2	S. W.	3	N'ly	2	10	4	Shower	0.40	27th. Very cool.
27	29.73	29.79	29.80	55	63	55	57.7	N'ly	2	N. E.	2	Calm		2	4	0		28th. Cool in the morning. Thermometer at sunrise 51° to 52°. Day fine.
28	29.84	29.82	29.90	53	71	59	61.0	N. E.	1	N. W.	2	Calm		0	5	0		29th. Very fine, but cool.
29	29.94	29.93	29.93	55	72	58	61.7	N. W.	1	N. W.	2	Calm		0	0	0		30th. Commenced raining very moderately at 6 P. M., and continued through the night.
30	29.90	29.89	29.79	52	73	66	63.7	N. E.	1	S. E.	1	S. E.	2	3	10	Rain	1.20	31st. Rained moderately at intervals till 9 A. M. Clear and very warm in the afternoon.
31	29.66	29.66	29.75	70	80	71	73.7	S. E.	2	S. W.	2	S. W.	1	Rain	6	0		
Means	29.80	29.81	29.82	66.5	81.3	69.3	...	1.4		1.9		1.4		5.3	4.0	3.8	2.28	
								1.6						4.4				
REDUCED TO SEA LEVEL.																		
Max.	30.15	30.19	30.19	75	93	77	81.0											
Min.	29.21	29.63	29.73	52	63	55	57.7											
Mean	29.97	29.98	29.99															
Range	0.94	0.56	0.46	23	30	22	23.3											
Mean of month			29.980	...	...	...	72.4											
Extreme range			0.98	...	...	...	41.0											

Prevailing winds from some point between—	Days.
N. & E.	9
E. & S.	3
S. & W.	13
W. & N.	6

	Days.
Clear	10
Variable, Cloudy	15
Rain fell on	6

August, 1847. New Moon, 10d. 7h. 20m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
S 1	29.85	29.81	29.81	72	80	70	74.0	S. W. 1	S. W. 1	S. W. 1	10	Spr'ling	Rain		1st. Sprinkling of rain at intervals.
2	29.79	29.80	29.87	70	81	68	73.0	N'ly 1	N. W. 3	W. 1	10	1	0		2d. Very fine.
3	29.91	29.83	...	62	79	...	...	N. W. 1	N. 1	...	3	2	...		
4	...	...	...	...	...	...	...	...	...	...	...	...	...		
5	...	...	...	...	...	...	...	...	...	...	...	...	...		
6	...	...	...	...	...	...	...	...	...	N. E.	...	...	Rain		
7	...	...	...	...	...	...	...	...	...	...	...	...	...		
S 8	...	...	...	...	...	...	...	...	...	N. E.	...	...	Rain	4.85	
9	...	...	...	...	...	...	...	...	...	...	...	...	...		
10	...	...	...	...	...	...	...	...	E'ly	...	...	...	Rain		
11	...	...	29.96	...	...	74	...	...	...	S. W. 2	...	...	0		11th. Fine.
12	29.91	29.84	29.85	72	86	73	73.7	S. W. 1	W'ly 1	N. W. 1	9	6	0		12th. Sprinkling of rain in the afternoon. Very clear in the evening.
13	29.88	29.86	29.87	68	85	71	74.7	N. W. 1	N. W. 1	Calm	0	2	0		13th and 14th. Fine.
14	29.88	29.87	29.86	71	80	72	74.3	S. E. 1	S. E. 1	Calm	Foggy	2	Hazy		
S 15	29.89	29.91	29.88	63	72	66	67.0	N. E. 2	E'ly 2	N. E. 2	10	10	10		15th. Appearances of rain in the evening.
16	29.88	29.78	29.75	63	73	66	67.3	N. E. 2	N. E. 2	N. E. 2	10	5	0		16th. Evening very clear.
17	29.75	29.59	29.57	57	76	67	66.7	N. E. 1	S. E.	S. E.	10	5	5		17th. Pleasant.
18	29.45	29.41	29.46	70	81	66	72.3	S'ly	S. W.	N. W.	Rain	5	Shower	0.65	18th. Fine shower in the afternoon.
19	29.53	...	29.72	59	...	58	...	N. W.	...	N. W. 1	0	...	0		19th to 23d. Very fine.
20	29.80	29.72	29.76	53	73	62	62.7	N. W. 1	S. W. 2	S. W. 1	0	0	0		
21	...	...	29.70	59	...	67	...	N. W. 1	...	S. W.	0	...	0		
S 22	29.69	29.76	29.77	62	78	66	68.7	W'ly 1	W'ly 1	S. W. 1	5	0	0		
23	29.86	29.84	29.87	57	73	62	64.0	N. W. 1	N. E. 1	N. W. 1	0	0	2		
24	29.97	30.01	30.07	58	72	60	63.3	N. W. 1	N. W. 2	Calm	0	0	0		24th. Very fine. Splendid evening.
25	30.17	30.10	30.08	58	74	62	64.7	N. W. 1	N. W. 1	W'ly 1	0	2	6		25th. Very fine.
26	30.00	...	...	57	...	...	...	N. W. 1	...	...	9	...	...		26th. Sprinkling of rain in the afternoon.
27	...	...	29.85	...	...	66	...	...	...	S. W. 1	...	...	0		27th. Fine.
28	29.88	29.90	29.83	69	74	68	70.3	S. W. 1	S. E.	S. W. 1	Foggy	10	10		28th. Appearances of rain.
S 29	29.80	29.80	29.91	70	77	71	72.7	S. W. 1	S. W. 1	N. W. 1	10	2	2		29th. Very sultry. Sprinkling of rain from cumulus clouds in the afternoon.
30	29.99	29.88	29.89	62	78	64	68.0	N. W. 1	N. W. 1	S. E'ly 1	0	2	Foggy		
31	29.86	...	29.84	68	...	71	...	S. W. 1	...	S. W. 1	Foggy	...	5		30th and 31st. Fine.
Means	29.84	29.82	29.83	63.6	77.3	66.8	...	1.1	1.4	1.2	5.7	3.6	3.2	5.50	
									1.2			4.1			
REDUCED TO SEA LEVEL.															
Max.	30.35	30.28	30.26	72	86	74	74.7								
Min.	29.63	29.59	29.66	53	72	58	62.7								
Mean	30.01	29.99	30.00												
Range	0.72	0.69	0.60	19	14	16	12.0								
Mean of month			30.000	...	...	...	69.2								
Extreme range			0.76	...	...	...	33.0								

Prevailing winds from some point between— Days.
N. & E. 2
E. & S. 2
S. & W. 9
W. & N. 11

Days.
Clear 8
Variable . . . } 6
Cloudy . . . }
Rain fell on . . 10
(7 days omitted.)

September, 1847. New Moon, 9d. 10h. 39m. A. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.83	...	29.83	71	...	71	...	N. W. 1	...	N. W. 1	2	...	0		1st. Very fine.
2	29.85	...	29.83	70	...	71	...	S. W. 1	...	S. W.	Foggy	...	2		2d. Very warm. Thunder in the afternoon, but no rain.
3	29.87	29.79	29.78	72	83	72	75.7	S. W. 1	S. W. 1	S. W. 1	10	8	9		3d. Very sultry.
4	29.81	29.78	29.87	72	86	74	77.3	S. W. 2	S'ly 2	S. W. 1	10	5	10		4th. Very hot and sultry.
S 5	29.86	29.81	29.75	72	83	74	76.3	S. W. 2	S. W. 3	S. W. 3	10	5	3		5th. Wind very fresh and air damp. Clouds abundant, but no rain.
6	29.74	29.75	29.92	72	78	67	72.3	S. W. 2	N. W. 1	N. W. 1	Rain	5	6	0.57	6th. Very warm.
7	30.06	30.03	30.05	56	74	60	63.3	N. E. 1	N. E. 2	N. E. 1	2	6	10		7th. Pleasant.
8	30.04	29.97	29.93	60	73	71	68.0	N. E. 1	N. E. 1	S. E. 1	10	Misty	Misty		8th. Misty, with appearances of rain.
9	29.87	29.81	29.85	72	82	64	72.7	S'ly 1	S. W. 2	N. E. 1	Misty	5	Rain		9th. Shower at 5 A. M. From 8 to 9 P. M., the wind came to N. E., and it rained.
10	29.95	30.01	30.06	56	58	59	57.7	N. E. 2	N. E. 2	N. E. 2	Rain	Rain	10	2.43	10th. Copious rain during the day.
11	...	...	30.03	...	...	59	...	...	...	N. E. 1	Misty	Misty	Misty		11th. Heavy mist.
S 12	29.95	29.87	29.78	59	65	61	61.7	N. E. 2	N. E. 2	N. E. 1	Misty	10	10		12th. Mist.
13	...	29.43	29.50	60	62	63	61.7	N. E. 1	N. E. 2	N. W. 1	Rain	Rain	5	2.45	13th. Steady rain and very brisk wind all the morning till 2 P. M. Mostly clear in the evening.
14	29.69	29.65	29.76	57	71	53	60.3	N. W. 1	N. W. 1	N. W. 1	0	0	0		14th. Shower at 5 P. M. Evening very clear and cool.
15	29.89	29.80	29.88	47	61	51	53.0	N. W. 1	N'ly 2	N. W. 2	0	0	0		15th. Very clear in the evening.
16	29.89	29.79	29.83	43	65	52	53.3	N. W. 1	N. W. 1	S. W. 1	0	0	0		16th. Very fine. Auroral display of red light from 9½ to 10½ P. M ; white streamers shooting up through diffused red light.
17	29.89	29.79	29.87	47	66	56	56.3	S. W. 1	S. E. 1	S'ly 1	0	0	0		17th. Very fine.
18	...	...	29.91	...	...	54	...	...	...	N. E. 1	...	...	0		18th. Fine.
S 19	29.89	29.80	29.71	50	64	58	57.3	N. E. 1	E'ly 2	N. E. 2	3	10	0		19th. Appearances of storm in the evening.
20	29.61	29.50	29.51	54	54	51	53.0	N. E. 2	N. E. 2	N. E. 1	10	Rain	Rain	1.95	20th. Rain nearly all day.
21	29.48	29.49	29.64	51	66	56	57.7	N'ly 1	N. W. 2	N. W. 1	9	3	0		21st. Fine.
22	29.81	29.80	29.89	53	68	54	58.3	N. W. 2	N. W. 2	N. W. 1	0	0	0		22d. Very fine.
23	29.88	29.81	29.80	49	72	59	60.0	N. W. 1	N. W. 2	S. W. 1	0	0	2		23d. Bright halo about the moon.
24	29.92	29.83	29.86	54	62	57	57.7	N. E. 1	N. E. 1	N. E. 1	10	10	10		24th. Appearances of storm in the evening.
25	29.83	29.75	29.66	54	68	54	58.7	N. E. 2	N. E. 2	N. E. 3	10	Rain	Rain	0.90	25th. Moderate rain in the afternoon.
S 26	29.69	29.70	29.72	52	55	52	53.0	N. E. 2	N. E. 3	N. E. 2	10	10	Misty		26th. Mist and appearances of rain.
27	29.70	29.66	29.66	53	58	55	55.3	N. E. 2	N. E. 2	N. E. 1	10	Misty	10		27th. Frequent mists.
28	29.50	29.45	29.47	58	68	60	62.0	S. W. 1	S. W. 1	S. W. 1	Misty	10	8		28th. Mild and misty.
29	29.48	29.48	29.60	50	63	55	56.0	N. W. 1	N. W. 1	Calm	2	2	0		29th. Fine aurora in the evening, with brilliant coruscations.
30	29.61	29.59	29.67	53	63	51	55.7	W'ly 1	N'ly 1	N. W. 1	5	2	0	0.05	30th. Sprinkling of rain in the morning. Evening clear.
Means	29.80	29.74	29.79	59.7	68.0	59.8	...	1.4	1.7	1.3	6.4	5.9	5.1	8.35	
									1.5			5.5			
REDUCED TO SEA LEVEL.															
Max.	30.24	30.21	30.24	72	86	74	77.3								
Min.	29.66	29.61	29.65	43	54	51	53.0								
Mean	29.98	29.91	29.97												
Range	0.58	0.60	0.59	29	32	23	24.3								
Mean of month			29.953	...	...	...	62.5								
Extreme range			0.63	...	...	...	43.0								

Prevailing winds from some point between— Days.
N. & E. 13
E. & S. 1
S. & W. 6
W. & N. 10

Days.
Clear 9
Variable . . . } 13
Cloudy . . . }
Rain fell on . . 8

October, 1847. New Moon, 9d. 3h. 58m. A. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.60	29.47	29.66	48	65	51	54.7	W'ly 1	S. W. 2	N. W. 1	7	10	0		1st. Evening very clear.
2	...	...	29.90	43	...	50	...	N. W. 1	N. W. 1	N. W. 1	2	2	0		2d. Fine.
S 3	30.02	30.03	30.09	44	61	48	51.0	N. W. 1	N. W. 2	N. E. 2	0	3	0		3d and 4th. Very fine.
4	30.01	29.92	29.84	43	60	49	50.7	N'ly 2	N. E. 2	N. E. 1	0	0	0		
5	29.72	29.65	29.70	45	65	57	55.7	N. E. 1	N. E. 2	E'ly 1	0	3	2		5th. Fine.
6	29.80	29·83	29.89	54	70	56	60.0	N. E. 1	N. E. 1	N. E. 1	4	10	3		6th. Variable.
7	30.03	29.93	29.87	51	62	52	55.0	N. E. 1	N. E. 2	N. E. 1	10	5	0		7th. Pleasant.
8	29.70	29.49	29.23	51	63	59	57.7	N. E. 2	N. E. 2	E'ly	10	10	Rain	0.75	8th. Began to rain moderately from 5 to 6 P. M.
9	29.10	29.13	29.35	53	60	51	54.7	N. W. 1	N. W. 3	N. W. 1	9	2	0		9th. Blustering.
S 10	29.34	29.41	29.58	52	63	50	55.0	W'ly 3	W'ly 2	N. W. 2	0	0	0		10th. Blustering, but warm sun. Evening very clear.
11	29.65	29.64	29.87	43	57	41	47.0	W'ly 1	W'ly 2	N. W. 1	0	2	0		11th. Fine. Very clear in the evening.
12	29.89	29.84	29.50	38	57	53	49.3	N. W. 1	S'ly 2	S. E. 4	0	2	Rain		12th. First white frost in the College yard, being light in patches. Began to rain moderately at 7 P. M.; wind fresh at S. E.
13	29.24	29.32	29.41	61	53	48	54.0	S. W. 2	N. W. 2	N. W. 1	10	Rain	10		13th. Occasional showers in morning. Clouds broken in the evening.
14	...	29.61	29.72	38	54	44	45.3	N. W. 1	N. W. 1	N. W. 1	0	0	2		14th. Very fine.
15	...	...	30.18	...	...	40	...	...	...	N. E. 1	...	...	0		
16	30.21	30.17	30.16	34	54	50	46.0	N. W. 1	S'ly 2	S'ly 1	0	8	10		16th. Thick white frost.
S 17	30.10	30.02	30.03	44	64	56	54.7	S. W. 1	S. W. 2	S. W. 1	3	6	9		17th and 18th. Fine.
18	30.08	29.99	29.94	44	63	54	53.7	W'ly 1	S. W'ly 2	S'ly 1	Foggy	0	Foggy		
19	29.84	29.78	29.89	62	71	57	63.3	S. W. 2	S. W. 2	W'ly 1	7	7	8		19th. Very mild.
20	29.94	29.89	30.02	52	58	45	51.7	N. E. 1	N. E. 1	Calm	10	0	0		20th. Very splendid evening.
21	30.14	30.04	30.08	40	60	51	50.3	N'ly 1	S'ly 1	S. W. 1	0	0	10	1.20	21st. Very mild.
22	29.99	29.83	29.75	50	64	58	57.3	S. W. 1	S. W. 3	S. W. 2	10	8	8		22d. Variable.
23	29.69	...	30.11	54	...	44	...	N. 1	...	N. W.	Rain	...	0		23d. Rain in the morning.
S 24	30.12	30.04	29.88	38	56	51	48.3	N. E. 1	S. E. 2	S. E. 1	5	10	Rain		24th. Showery in the evening.
25	29.66	29.50	29.67	60	64	51	58.3	S. E. 3	W.	N. W. 1	5	10, Sh'r	0		25th. Heavy shower from noon to 2 P. M. Very clear in the evening.
26	30.09	30.03	30.28	37	42	30	36.3	N. W. 2	N. W. 2	N. W. 1	0	1	0		26th to 31st. Very fine.
27	30.46	30.37	30.42	22	39	30	30.3	N. W. 1	N. W. 1	N. W. 1	0	0	0		
28	30.51	30.51	30.52	24	38	30	30.7	N'ly 1	N'ly 1	N'ly	0	0	0		
29	30.47	30.33	30.24	27	52	38	39.0	Calm	S. W. 2	S. W. 1	0	2	0		
30	30.27	30.21	30.28	33	56	40	43.0	W'ly 1	W'ly 1	E'ly 1	0	0	0		
S 31	30.29	30.20	30.12	40	56	46	47.3	N. E. 1	N. E. 1	S'ly 1	5	2	0		
Means	29.93	29.86	29.91	44.2	58.1	47.7	...	1.3	1.7	1.2	3.7	3.9	3.3	1.95	
									1.4			3.6			
REDUCED TO SEA LEVEL.															
Max.	30.69	30.69	30.70	62	71	59	63.3								
Min.	29.28	29.31	29.41	22	38	30	30.3								
Mean	30.11	30.04	30.09												
Range	1.41	1.38	1.29	40	33	29	33.0								

Prevailing winds from some point between—	Days.
N. & E.	8
E. & S.	1
S. & W.	9
W. & N.	13

	Days.
Clear	13
Variable, Cloudy	12
Rain fell on	6

Mean of month	30.080	...	...	...	50.0		
Extreme range	1.42	...	...	...	49.0		

November, 1847. New Moon, 7d. 10h. 3m. P. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.07	29.99	29.97	42	63	54	53.0	S'ly 1	S'ly 1	S'ly 1	Foggy	3	6		1st and 2d. Fine.
2	29.91	29.81	29.75	45	66	51	54.0	E'ly 1	E'ly 1	E'ly 1	2	0	0		
3	29.70	29.58	29.58	44	67	54	55.0	N. W. 1	S'ly 1	S'ly 1	0	0	0		3d and 4th. Very fine.
4	29.50	29.44	29.50	51	72	52	58.3	S'ly 1	W'ly 1	W'ly 1	0	5	2		
5	29.56	29.54	29.65	52	62	43	52.3	N. E. 1	W'ly 2	N. W. 2	10	0	0		5th. Fine.
6	...	...	29.90	...	...	42	...	...	...	N. W. 2	...	...	5		6th. Blustering.
S 7	30.12	30.06	30.13	33	49	42	41.3	N. W. 1	N. E. 1	E'ly 1	0	5	5		7th. Fine.
8	30.05	29.93	29.78	43	58	58	53.0	N. E. 1	S. W. 2	S. W. 2	10	10	10		8th. Appearances of rain.
9	29.78	29.68	29.72	57	65	59	60.3	S. W. 1	S. W. 2	S. W. 1	10	10	5		9th. Very mild.
10	29.87	29.81	29.93	56	55	44	51.7	W'ly 1	N. W. 2	N. W. 2	10	4	9		10th and 11th. Pleasant.
11	30.01	29.96	30.06	37	44	37	39.3	N. W. 1	N. W. 2	N. W. 1	0	10	5		12th. At 7 P. M., halo about the moon in the S. W.; the air filled with condensing vapor. Soon clouds spread over the heavens, with appearances of storm. From 9 to 10 P. M., the clouds seemed to be lighted up with the aurora in patches.
12	30.12	29.98	29.96	35	45	41	40.3	W'ly 2	W'ly 1	S. W. 1	5	5	10		
13	29.95	29.93	30.01	40	47	40	42.3	W'ly 1	W'ly 1	W'ly 1	10	10	10		13th. Stars visible occasionally in the evening, but no meteors.
S 14	29.72	29.37	29.43	44	52	42	46.0	E'ly 2	N. E. 1	N. W.	Rain	10	5	1.00	14th. Began to rain about 5 A. M.; wind nearly east. Rain ceased from 11 to 12 A. M.
15	29.39	29.46	29.66	40	47	40	42.3	W'ly 1	N. W. 2	N. W. 2	3	7	0		15th. Evening clear.
16	29.91	29.97	29.96	38	44	38	40.0	N. W. 1	N. W. 1	W'ly 1	10	0	8		16th. Fine.
17	29.93	29.85	29.89	44	62	50	52.0	S. W. 2	S. W. 1	S. W. 1	5	10	3		17th. Pleasant.
18	29.90	29.74	29.64	44	64	55	54.3	S. W. 1	S. W. 1	S. W. 1	4	5	6		18th. Very mild.
19	29.59	29.59	29.79	54	53	41	49.3	S. W. 1	W'ly 1	N. W. 2	Rain	Rain	10	0.62	19th. Began to rain at about 5 A. M., and continued moderately till noon.
20	30.09	...	30.28	32	...	37	...	N. 1	...	N'ly 1	10	...	10		20th. Weather raw and disagreeable.
S 21	30.25	30.19	30.19	35	48	41	41.3	N. E'ly 1	S'ly 1	S. W. 1	10	10	10		21st. Air rather raw.
22	30.19	30.15	30.12	35	54	53	47.3	S. W. 1	S. W. 1	S. W. 1	10	5	10		23d. Mist and fog all day.
23	30.09	30.03	29.98	54	55	55	54.7	S. W. 1	S. W. 1	S. W. 1	Misty	Misty	Misty		24th. Mist and light showers through the day. Heavy rain, with high wind, in the evening.
24	29.84	29.68	29.48	56	64	61	60.3	S'ly 1	S'ly 2	S'ly 2	Foggy	Rain	Rain		25th. Very mild.
25	29.49	...	29.48	58	...	54	...	S. W. 1	...	W'ly	10	10	4	4.10	26th. Fine. Evening very clear. Appearances of aurora, not very bright.
26	29.65	29.70	29.84	44	47	35	42.0	W'ly 1	N. W. 1	N. W. 1	0	2	0		27th. Cool.
27	...	...	29.86	32	...	32	...	N. W. 2	...	N'ly	6	...	10		28th. Cool and raw.
S 28	29.80	29.75	29.77	30	40	34	34.7	W. 1	W.	N. 1	7	5	10		29th. Very sharp cold, with severe wind.
29	30.08	30.06	30.27	22	24	11	19.0	N. 3	N. W. 2	N. W. 2	4	0	0		30th. Very cold.
30	30.49	30.45	30.50	8	24	20	17.3	N. W. 1	N. E. 1	N. E. 1	0	0	0		
Means	29.89	29.83	29.87	41.6	52.7	43.9	...	1.2	1.4	1.3	6.3	5.8	5.7	5.72	
									1.3			5.9			
REDUCED TO SEA LEVEL.															
Max.	30.67	30.63	30.68	58	72	61	60.3								
Min.	29.57	29.55	29.61	8	24	11	17.3								
Mean	30.07	30.01	30.05												
Range	1.10	1.08	1.07	50	48	50	43.0								

Prevailing winds from some point between—	Days.
N. & E.	3
E. & S.	2
S. & W.	13
W. & N.	12

	Days.
Clear	6
Variable, Cloudy	21
Rain fell on	3

Mean of month	30.043	...	...	...	46.1		
Extreme range	1.13	...	...	...	64.0		

December, 1847. New Moon, 7d. 3h. 22m. P. M.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	30.41	30.27	30.12	26	43	44	37.7	N. E. 1	S'ly 1	S. E'ly 1	10	9	10	1.40	1st. Appearances of storm. 2d. Rain through the day, sometimes brisk.
2	29.82	29.68	29.63	51	61	58	56.7	S. W. 3	S. W. 4	S. W. 3	Rain	Rain	Rain	1.25	3d. Moderate rain nearly all day. 4th. Fine.
3	29.51	29.38	29.31	53	47	43	47.7	S'ly 1	N. E. 2	N. E. 1	Foggy	Rain	Rain		5th. Rain and unpleasant. Began to rain from 9 to 10 P. M.
4	29.70	29.88	29.92	33	38	29	33.3	N. W. 1	W. 1	N. W.	0	0	0		6th. Fine.
S 5	29.90	29.77	...	26	44	37	35.7	N. W. 1	N. W. 1	N. E. 1	2	10	Rain	0.15	7th, 8th, and 9th. Very fine.
6	29.74	29.78	30.01	33	38	29	33.3	N. W. 1	N. W. 1	N. W. 1	7	2	0		10th. Very warm.
7	30.24	30.24	30.38	25	38	34	32.3	N. W. 1	S'ly 1	Calm	2	0	0		11th. Dashes of rain. Wind very fresh S. W. Evening clear and calm.
8	30.36	30.29	30.27	32	47	40	39.7	S'ly 1	S. W. 2	S. W. 1	0	2	0		12th. Very pleasant in the morning. Mist and appearances of storm in the evening.
9	30.23	30.13	30.03	43	59	53	51.7	S. W. 1	S. W. 2	S'ly 2	0	6	8		13th. Variable.
10	29.95	29.88	29.92	58	62	58	59.3	S. W. 2	S. W. 3	S. W. 2	10	10	10		14th. Thick mist and fog during the day. Rain in the evening.
11	29.77	29.83	30.17	60	64	42	55.3	S. W. 3	S. W. 2	N. W. 1	10	10	0		15th. Wind came to N. W. in the morning. Air very soft and spring-like. Wind changed to N. E. in the afternoon, and freshened. Heavy mist mixed with rain in the evening.
S 12	30.31	30.26	30.12	33	51	45	43.0	N. W. 1	E'ly 1	E'ly 1	0	3	Misty	0.20	16th. Rain during the day, the wind increasing. Began to hail briskly from 9 to 10 P. M.
13	29.95	29.85	29.85	48	65	53	55.3	S. W. 1	S. W. 2	S'ly 1	10	4	Foggy		17th. Very tempestuous during the night.
14	29.78	29.74	29.71	47	59	57	54.3	S'ly 1	S'ly 1	S'ly 1	Foggy	Misty	Rain	0.80	18th. Stormy in the morning. Pretty clear in the evening.
15	29.63	29.64	29.94	53	63	43	53.0	S'ly 1	N. W. 1	N. E. 3	Foggy	Misty	Rain		19th. Rather raw.
16	30.08	30.20	29.91	32	34	32	32.7	N. E. 1	N. E. 3	N. E. 3	3	10	Hail		20th and 21st. Indications of storm in the evening.
17	29.81	29.69	29.65	36	40	32	36.0	N. E. 3	N. E. 2	N. E. 3	Rain	Misty	Sn., r'n	1.45	22d. Light, gentle snow in the afternoon.
18	29.69	29.73	29.80	23	32	23	26.0	N. E. 2	N'ly 1	N. W. 1	Snow	9	2		23d. Appearances of storm in the evening. An inch and a half of snow during the night.
S 19	29.66	29.57	29.73	29	42	34	35.0	N. 2	N. W. 1	N. 1	7	3	10		24th. Flurry of snow from 4 to 5 P. M.
20	29.89	29.88	29.99	31	34	27	30.7	N. W. 1	N. W. 1	N. W. 1	8	10	8		25th. Light snow in the afternoon—nearly three inches.
21	30.00	29.87	29.76	19	21	20	20.0	N. W. 1	N. W. 1	N. W. 1	3	10	10		26th. Severe cold in the afternoon, and the snow blowing furiously.
22	29.42	29.41	29.36	17	21	18	18.7	N. W. 1	N'ly 1	N'ly 1	10	Snow	10		27th. Very cold.
23	29.44	...	29.38	17	...	28	...	N. W. 1	...	S. W. 2	0	...	10		28th. Much moderated.
24	29.28	29.37	29.60	32	37	24	31.0	S. W. 2	W'ly 1	N. W. 1	6	2	2	0.72	29th. Mild.
25	29.69	29.67	29.53	29	37	23	29.7	N. W. 2	N. W. 1	N. E. 2	10	5	Snow		30th. Very mild.
S 26	29.51	29.65	29.88	20	22	11	17.7	N'ly 2	N. W. 2	N. W. 2	Snow	0	0		31st. Thick fog, with occasional sprinkling of rain.
27	30.32	30.27	30.33	9	17	16	14.0	N. W. 1	N. W. 2	N. 1	0	0	10		
28	30.27	30.10	30.12	19	33	35	29.0	N. W. 1	S. W. 1	S. W. 1	10	10	2		
29	30.18	30.10	30.15	32	45	40	39.0	S. W. 1	S. W. 2	W'ly 1	2	2	0		
30	30.14	30.09	30.07	36	52	42	43.3	S. W. 1	S. W. 1	S'ly 1	2	3	Foggy		
31	30.05	29.96	29.98	43	50	47	46.7	S'ly 1	S'ly 1	S'ly 1	Foggy	Foggy	Foggy		
Means	29.89	29.87	29.89	33.7	43.2	36.0	...	1.4	1.5	1.4	6.2	6.3	6.9	5.97	
								1.4			6.5				
REDUCED TO SEA LEVEL.															
Max.	30.59	30.47	30.56	58	65	58	59.3								
Min.	29.46	29.55	29.49	9	17	11	14.0								
Mean	30.07	30.05	30.07												
Range	1.13	0.92	1.07	49	48	47	45.3								
Mean of month	30.063			...	...	...	37.6								
Extreme range	1.13			...	...	...	56.0								

Prevailing winds from some point between— Days.
N. & E. 4
E. & S. 2
S. & W. 11
W. & N. 14

Days.
Clear 5
Variable . . . } 14
Cloudy . . . }
Rain or snow fell on 12

January, 1848. New Moon, 6d. 6h. 59m. A. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.88	29.75	29.61	46	52	54	50.7	S'ly 1	S'ly 1	S. W. 2	Foggy	Foggy	10, Sh'r	0.45	1st. Thick fog all day; little wind. Frost out of the ground in most places. Some rain during the night.
S 2	29.43	29.46	29.66	55	45	38	49.3	S. W. 2	N. W. 2	N. W. 1	10	10	6		2d. Sprinkling of rain in the afternoon. Partially clear in the evening.
3	30.03	29.92	29.92	32	43	33	36.0	N. W. 1	N. E. 2	N. E.	0	0	0		3d. Fine.
4	29.71	29.68	29.97	33	44	34	37.0	S. W.	S. W. 2	N. W. 1	7	10	0		4th. Pleasant.
5	30.09	29.87	29.38	26	33	43	34.0	N. W. 1	S'ly 2	S. W. 3	8	10	10		5th. Appearances of storm in the evening. Occasional dashes of rain.
6	29.53	29.61	29.72	24	25	20	23.0	N. W. 2	N. W. 3	N. W. 2	0	0	10		6th. Cold and blustering.
7	29.85	29.83	29.99	12	21	16	16.3	N. W. 1	N. W. 1	N. W. 1	0	0	6		7th. Pleasant.
8	29.98	29.83	29.67	16	30	33	26.3	N. W. 1	N. E. 1	N. E. 1	3	10	Snow		8th. Began to snow very moderately at 4 P. M. Rain during the night.
S 9	28.97	29.17	29.62	48	43	18	36.3	S. W. 3	W'ly 2	N. W. 3	Rain	0	0	1.25	9th. Very blustering.
10	29.97	30.00	30.21	6	10	0	5.3	N. W. 2	N. W. 2	N. W. 2	0	0	0		10th. Very cold. Wind piercing through the day.
11	30.34	30.26	30.02	—4	14	24	11.3	N. W. 1	S. W. 1	S. W. 2	0	3	10		11th. Thermometer 4° below zero. Wind moderate at N. W.; came to S W. during the morning. Evening cloudy, wind brisk; appearances of storm.
12	30.19	30.20	30.35	21	31	21	24.3	W'ly 1	W'ly 1	W'ly 1	0	0	0		12th. Very fine.
13	30.40	30.34	30.24	18	31	33	27.3	N. E'ly 1	N. E'ly 1	N. E. 1	9	10	M't, r'n		13th. Mist and rain in the evening. Ground covered with ice.
14	30.19	30.15	30.16	33	45	40	39.3	Calm	N'ly 1	N'ly 1	Misty	10	Misty		14th. Ground covered with sleet in the morning.
15	30.10	29.94	29.84	45	51	45	47.0	S'ly 1	S'ly 1	S'ly 1	Rain	Rain	Foggy	0.62	15th. Light rain at intervals.
S 16	30.01	30.02	30.13	45	44	35	41.3	N'ly 1	N. W. 2	N. W. 1	9	0	4		16th. Halo about the moon.
17	29.94	29.88	30.03	33	43	31	35.7	N'ly 1	N. W. 2	N. W. 1	10	2	0		17th. Evening very clear and mild.
18	29.81	29.63	29.97	26	44	20	30.0	S'ly 1	S. W. 2	N. W. 3	0	10	0		18th. Snow squall at 3 P. M., when the wind changed suddenly from S. W. to N. W., and grew colder.
19	30.29	30.27	30.41	10	17	16	14.3	N. W. 2	N. W. 2	N. W. 1	0	0	0		19th. Cold, but not unpleasant.
20	30.25	30.09	30.06	15	35	33	27.7	S. W'ly 1	S. W. 2	S. W. 2	2	0	6		20th. Very pleasant.
21	29.91	29.69	29.60	33	46	39	39.3	S. W. 1	S. W. 2	S. W. 1	0	2	2		21st. Fine.
22	29.85	29.84	29.89	30	35	30	31.7	N. W. 1	W'ly 1	N. W. 1	8	2	10		22d. Very pleasant.
S 23	30.03	30.03	30.25	27	30	23	26.7	N. E. 1	N. E. 2	N'ly 1	10	10	0		23d. Cloudy during the day. Very clear in the evening.
24	30.45	30.43	30.47	15	32	28	25.0	N. W. 1	E'ly 1	E'ly 1	0	0	0		24th. Very fine.
25	30.37	30.22	30.12	31	46	40	39.0	S. W'ly 1	...	S'ly 1	10	...	Hazy		25th and 26th. Very mild.
26	30.10	29.97	29.88	37	51	45	47.7	S. W. 1	E'ly 1	N. E. 1	10	10	10		27th. Heavy rain.
27	29.73	29.41	29.35	40	45	39	41.3	N. E. 1	N. E'ly 1	N. E'ly 2	Rain	Rain	10	2.50	28th. Very mild. Frost nearly out of the ground in warm places.
28	29.39	29.33	29.39	37	48	39	41.3	W'ly 1	W'ly 1	W'ly 1	5	3	10		29th. Began to snow from 9 to 10 A. M.; about two inches of damp snow fell. Mostly clear at sunset. Cloudy in the evening.
29	29.86	29.24	29.70	38	32	35	35.0	W'ly 1	N'ly 3	N'ly 2	9	Snow	10		30th. Very fine. Wet under foot.
S 30	29.88	29.85	29.91	29	37	32	32.7	N. W. 1	N. W. 1	N. W. 1	0	0	2		31st. Very mild.
31	29.85	29.69	29.57	30	42	36	36.0	N. W. 1	S'ly 1	S'ly 1	5	5	10		
Means	29.95	29.86	29.91	28.7	36.9	31.4	...	1.2	1.6	1.4	5.4	4.9	5.4	4.82	
								1.4			5.2				
REDUCED TO SEA LEVEL.															
Max.	30.63	30.61	30.65	55	52	54	50.7								
Min.	29.57	29.35	29.53	—4	10	0	5.3								
Mean	30.13	30.04	30.09												
Range	1.06	1.26	1.12	59	42	54	45.4								
Mean of month	30.087			...	...	...	32.3								
Extreme range	1.30			...	...	...	59.0								

Prevailing winds from some point between— Days.
N. & E. 7
E. & S. 1
S. & W. 10
W. & N. 13

Days.
Clear 7
Variable . . . } 17
Cloudy . . . }
Rain or snow fell on 7

February, 1848. New Moon, 4d. 8h. 34m. P. M.

DAYS.	BAROMETER, reduced to 32° F			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.18	29.25	29.46	30	32	45	36.0	N'ly 3	N. W. 1	N. W. 1	Snow	10	0		1st. Snowing at 5 A. M., which continued till from 1 to 2 P. M.—about four inches of damp snow. Very clear in the evening.
2	29.58	29.60	29.70	22	32	25	26.3	N. W. 1	N. W. 1	N. W. 1	0	0	0		2d and 3d. Very fine.
3	29.77	29.70	29.78	20	39	30	29.7	N. W. 1	N. W. 1	N. W. 1	0	2	0		4th. Began to rain and snow at 3 P. M. Storm increased, and snowed fast in the evening.
4	29.68	29.48	29.23	25	38	30	31.0	N. E. 1	E'ly 1	N. E. 5	10	Sn., r'n	Snow		5th. From six to eight inches of damp snow during the night. At 7 P. M., barom. 28.87. At 9 P. M., barom. 28.84; ther. 50°; wind light at N. W., and clear; exter. ther. 29°. At 10 P. M., barom. 28.84; at 11 P. M., 28.84.
5	28.91	28.80	28.78	30	32	29	30.3	N. W. 3	N. W. 1	N. W. 1	10	10	0	2.95	6th. Light snow during a large part of the day—one inch, perhaps, in depth.
S 6	28.89	28.94	29.13	26	30	26	27.3	N. W. 1	N. W. 1	N. W. 1	Snow	Snow	5		7th. Pleasant.
7	29.32	29.34	29.47	24	29	23	25.3	W'ly 1	N. W. 2	N. W. 1	5	2	7		8th. Very fine. Aurora in the evening.
8	29.53	29.63	29.72	17	29	17	21.0	N. W. 1	N. W. 1	N. W. 1	0	0	0		9th and 10th. Fine.
9	29.83	29.77	29.65	13	27	22	20.7	N. W. 1	N. W. 1	N. W. 1	0	0	8		11th. Very fine.
10	29.59	29.60	29.82	27	33	14	24.7	W'ly 1	N.W'ly 2	N. W. 1	3	3	0		12th. Pleasant.
11	29.99	29.93	30.02	2	15	11	9.3	N.W'ly 2	N. W. 2	N. W. 1	0	0	0		13th. Rather raw.
12	30.07	30.00	30.02	6	24	18	16.0	N. W. 1	W'ly 1	N'ly 2	0	0	Hazy		14th to 19th. Very fine.
S 13	29.94	29.83	29.87	19	27	20	22.0	N'ly 2	N. W. 2	N. W. 1	10	0	0		20th. Very moderate rain at N. E.
14	29.80	29.70	29.67	16	37	24	25.7	N. W. 1	N. W. 1	N. W. 1	0	5	2		21st. Beautiful aurora, which appeared in diffused light of considerable brightness early in the evening. Between 9 and 10 o'clock, it became brilliantly red, with occasional white streamers shooting up through it, the heavens at the time being without a cloud, except low in the south, the air very clear, and the moon but little past the full.
15	29.73	29.70	29.73	20	33	25	26.0	N. W. 1	N. W. 1	N. W. 1	0	0	0		22d. Snow in the afternoon—from two to three inches, quite damp.
16	29.82	29.73	29.79	21	34	24	26.3	N. W. 1	N. W. 2	N. W. 1	0	0	0		23d. Brilliant auroral streamers from 7 to 9 P. M.
17	29.80	29.71	29.78	20	35	26	27.0	N. W. 1	N. W. 1	N. W. 0	0	0	0		24th. Diffused aurora in the evening.
18	29.98	29.93	29.96	21	35	26	27.3	N. W. 1	N. W. 1	N. W. 0	0	0	0		25th and 26th. Fine.
19	29.92	29.78	29.70	22	43	34	33.0	N. W. 1	N. W. 1	N. W. 1	0	2	3		27th. Fine. Evening very clear.
S 20	29.59	29.46	29.34	35	37	33	35.0	S. W. 1	N. E. 1	N. E. 1	Rain	Rain	Misty		28th. Began to snow very moderately from 4 to 5 P. M.
21	29.38	29.45	29.76	38	47	38	41.0	W'ly 1	N. W. 2	N. W. 2	2	3	0	0.65	29th. Flurry of snow at from 1 to 2 P. M.
22	29.92	29.91	29.78	37	38	35	36.7	N'ly 1	E'ly 1	E'ly 1	10	Snow	Misty		
23	29.66	29.69	29.80	33	44	36	37.7	W'ly 1	W'ly 2	N. W. 1	10	0	0		
24	29.91	29.92	29.97	32	33	25	30.0	W'ly 1	N. W. 2	N. W. 1	10	10	0		
25	30.15	30.14	30.19	15	19	15	16.3	N'ly 2	N. W. 2	N. W. 1	0	0	0		
26	30.15	29.96	29.84	11	30	25	22.0	N. W. 1	S'ly 1	S. W. 1	0	3	0		
S 27	29.77	29.68	29.84	27	38	28	31.0	S. W. 1	S. W. 1	W'ly 1	2	1	0		
28	29.97	29.87	29.64	14	38	32	28.0	N. W. 1	S. W. 1	S'ly 2	0	10	Snow	0.20	
29	29.26	29.19	29.37	36	36	25	32.3	S. W. 2	N. W. 3	N. W. 2	9	3	6		
Means	29.69	29.64	29.68	22.7	33.2	26.2	...	1.3	1.4	1.2	3.8	3.6	2.8	3.80	
								1.3			3.4				
REDUCED TO SEA LEVEL.															
Max.	30.33	30.32	30.37	38	47	45	41.0								
Min.	29.07	28.98	28.96	2	15	11	9.3								
Mean	29.87	29.82	29.86												
Range	1.26	1.34	1.41	36	32	34	31.7								
Mean of month			29.850	...	...	...	27.4								
Extreme range			1.41	...	...	...	45.0								

Prevailing winds from some point between—	Days.
N. & E.	3
E. & S.	0
S. & W.	3
W. & N.	23

	Days.
Clear	15
Variable	7
Cloudy	
Rain or snow fell on	7

March, 1848. New Moon, 5d. 8h. 9m. A. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.51	29.58	29.85	19	25	19	21.0	N. W. 4	N. W. 3	W. 3	0	0	0		1st. Very blustering and severe.
2	30.16	30.15	30.14	15	28	25	22.7	N. W. 1	N. W. 1	N. E. 1	0	8	5		2d. Began to snow very moderately at 8 P. M.
3	29.77	29.63	29.55	22	31	28	27.0	N. E. 2	...	N. W. 1	Snow	...	0	0.50	3d. Snow in the morning—about six or seven inches, rather damp.
4	29.91	29.94	29.90	21	29	25	25.0	N. W. 1	N. W. 1	N. W. 1	0	0	0		4th. Very fine.
S 5	29.71	29.70	29.79	29	29	18	25.3	W'ly 1	N. W. 3	N. W. 2	10	0	0		5th. Very blustering.
6	29.86	29.75	29.81	16	30	27	24.3	N'ly 2	W'ly 2	N. W. 1	5	4	0		6th. Flurry of snow from 10 to 11 A. M., and very blustering.
7	30.00	29.94	29.98	27	45	37	36.3	S. W. 1	S. W.	S. W. 1	2	3	2		7th and 8th. Very fine.
8	29.62	29.71	29.74	35	52	47	44.7	S. W. 1	S. W. 2	W'ly 1	3	1	0		
9	29.80	29.79	29.61	48	44	38	43.3	S. W. 1	N. W. 1	N. E. 2	10	Rain	Rain		9th. Showery in the morning. Steady rain in the afternoon and evening.
10	29.38	29.25	29.44	35	37	30	34.0	N. E. 2	N. E. 1	N. W. 3	Rain	10	8	1.50	10th. Rainy.
11	29.73	29.73	29.91	21	33	29	27.7	N. W. 2	N. W. 2	N. W. 1	0	0	0		11th. Very pleasant, though cool.
S 12	30.15	30.05	29.79	24	33	40	32.3	N. W. 1	S'ly 2	S'ly 1	0	10	Rain	0.15	12th. Air very raw. Began to rain between 8 and 9 P. M.
13	29.71	29.60	29.76	40	50	30	40.0	S. W'ly 1	S. W.	W. 2	10	10	0		13th. Rather raw.
14	29.82	29.66	29.74	20	27	17	21.3	N. W. 1	N. W. 2	N. W. 2	0	4	0		14th. Very raw and cold in the afternoon.
15	29.80	29.77	29.92	8	19	13	13.3	N. W. 2	N. W. 2	N. W. 2	0	3	0		15th. Very cold day.
16	30.07	29.99	29.95	8	19	15	14.0	N. W. 1	N. W. 2	N. W. 2	0	0	0		16th. Very cold.
17	29.74	29.61	29.54	11	22	25	19.3	N. W. 2	...	N'ly 2	0	...	10		17th. Still raw and cold.
18	29.61	29.58	29.71	25	43	28	32.0	N'ly 1	S. E'ly 1	W'ly 1	10	8	2		18th. Fine.
S 19	29.90	29.89	29.81	27	45	37	36.3	N. W. 1	S. E. 1	S'ly 1	3	0	10		19th. Sprinkling of rain in the evening.
20	29.90	29.87	29.73	35	55	43	44.3	N. W. 1	N. W. 1	S. W. 1	0	2	10		20th. Mild and spring-like.
21	29.45	29.42	29.58	43	57	41	47.0	S. W. 1	S. W. 2	W'ly 2	0	6	1		21st and 22d. Very fine.
22	29.70	29.71	29.77	36	52	42	43.3	N. W. 1	N. W. 1	E'ly 1	0	0	3		23d. Snow and rain for a short time to-day.
23	29.88	29.88	29.93	37	37	31	35.0	N. E. 2	N. E. 2	N. E. 1	10	Snow	0		24th. Quite cold. Aurora in the evening not very bright.
24	30.09	30.04	30.09	25	38	31	31.3	N'ly 2	N'ly 2	N. E. 1	0	0	0		25th. Fine.
25	30.15	30.03	29.95	29	47	36	37.3	N'ly 1	N. E'ly 1	N. E. 1	0	0	0		26th. Appearances of storm in the evening.
S 26	29.83	29.75	29.72	36	52	44	44.0	N. W. 1	S'ly 1	S'ly 1	2	3	10		27th. Appearances of rain in the evening.
27	29.71	29.70	29.75	42	53	48	47.7	S. W. 1	S. W. 1	S. W. 1	10	10	10		28th. Rain in the evening; wind light N. E.
28	29.83	29.87	29.83	40	41	40	40.3	N'ly 1	N. E. 1	N. E. 1	10	Misty	Rain	0.25	29th and 30th. Very fine.
29	29.79	29.78	29.97	40	59	46	48.3	N'ly 1	N. W. 2	W'ly 1	10	5	0		
30	30.01	30.05	30.06	42	62	48	50.7	N. W. 1	S'ly 1	S'ly	0	0	0		31st. Blustering, and streets very dusty.
31	30.02	29.88	29.72	46	64	55	55.0	S. W'ly 1	S. W. 2	S. W. 3	6	10	2		
Means	29.82	29.78	29.81	29.1	40.6	33.3	...	1.4	1.5	1.5	3.9	4.1	3.5	2.40	
								1.5			3.8				
REDUCED TO SEA LEVEL.															
Max.	30.34	30.33	30.32	48	64	55	55.0								
Min.	29.56	29.43	29.62	8	19	13	13.3								
Mean	30.00	29.96	29.99												
Range	0.78	0.90	0.70	40	45	42	41.7								
Mean of month			29.983	...	...	...	34.3								
Extreme range			0.91	...	...	...	56.0								

Prevailing winds from some point between—	Days.
N. & E.	6
E. & S.	1
S. & W.	9
W. & N.	15

	Days.
Clear	11
Variable	12
Cloudy	
Rain or snow fell on	8

April, 1848. New Moon, 3d. 5h. 53m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.54	29.76	29.96	55	43	38	45.3	S. W. 3	N. W. 2	N. W. 2	10	Rain	0		1st. Rained moderately from 9 A. M. till noon.
S 2	30.11	30.13	30.22	32	47	35	38.0	N. W. 2	N. W. 2	N. W. 1	0	3	0		2d. Fine, though cool.
3	30.43	30.49	30.49	28	48	38	38.0	N. E. 2	N. E. 2	S'ly 1	0	1	8		3d. Raw air. Ground frozen pretty hard in the morning.
4	30.46	30.34	29.99	38	44	38	40.0	S'ly 1	S. W. 2	S. W. 2	10	10	10		4th. Appearances of rain.
5	29.81	29.79	29.89	48	60	40	49.3	S'ly 1	W'ly 1	N. 2	9	4	0		5th. Fine.
6	29.88	29.76	29.75	32	52	41	41.7	N. W. 2	N. W. 2	N. W. 1	1	0	0		6th. Fine. Aurora in the evening.
7	29.75	29.72	29.83	35	51	38	41.3	N. W. 1	N'ly 3	N'ly 1	0	0	0		7th. Fine.
8	29.79	29.76	29.78	35	58	47	46.7	N. W. 1	N. W. 1	S'ly 1	0	0	0		8th, 9th, and 10th. Very fine.
S 9	29.83	29.73	29.71	38	66	48	50.7	N. W. 1	N. W. 1	S'ly 1	0	0	0		
10	29.77	29.65	29.67	45	68	56	56.3	N. W. 1	S'ly 2	N. W. 1	0	0	2		
11	29.73	29.79	29.95	43	59	40	47.3	N. W. 1	N. E. 1	N. W. 1	0	0	0		11th. Fine.
12	30.01	29.81	29.68	40	57	40	45.7	N. E. 1	N. E. 1	...	10	10	...		12th. Variable.
13	29.57	29.45	29.51	40	55	41	45.3	S'ly 1	S'ly 1	N. W. 1	10	10	Shower	} 0.45	13th. Moderate rain from 5 to 8 P. M.
14	29.54	29.57	29.66	36	51	37	40.7	N. W. 1	...	W'ly 1	0	...	5		14th. Showery from 5 to 8 P M., and quite cold. Wind N. E.
15	29.70	29.68	29.71	35	56	46	45.7	N. W. 1	S'ly 1	S'ly 1	2	0	0		15th. Very fine.
S 16	29.76	29.71	29.75	42	66	43	50.3	N. W. 1	W'ly 1	N. E. 1	0	5	0		16th. Sprinkling of rain between 1 and 3 P. M. Evening very fine.
17	29.83	29.90	29.99	40	64	41	48.3	...	...	N'ly 1	...	...	0		17th. Very fine.
18	30.13	30.00	29.97	34	55	44	44.3	N. W. 2	S'ly 2	E'ly 1	0	10	10		18th. Cool.
19	29.94	29.95	29.94	34	33	28	31.7	N. E. 3	N. E. 3	N. W. 1	Sn., h'l	Snow	2	0.50	19th. Snow and rain most of the day. Ground white with snow in the afternoon. Cleared in the evening.
20	29.98	29.96	29.92	28	45	40	37.7	N. W. 2	N. W. 1	S'ly 2	0	0	0		20th. Pleasant.
21	29.88	29.85	29.89	41	65	53	53.0	W'ly 1	N'ly 2	W'ly 1	5	0	0		21st and 22d. Very fine.
22	29.82	29.65	29.68	52	65	55	57.3	S. W. 1	S. W. 2	N'ly 2	3	0	10		
S 23	29.79	29.67	29.52	55	63	51	56.3	N. E'ly 1	S. E. 2	S. E. 2	5	0	10		23d. Pleasant.
24	29.43	29.45	29.71	53	56	41	50.0	N. E. 2	N. W. 2	N. W. 1	5	0	0		24th. Fine.
25	29.86	29.86	29.96	38	57	43	46.0	W'ly 2	W'ly 1	S. W.	0	5	0		25th. Pleasant.
26	29.90	29.92	29.92	45	59	48	50.7	S'ly 2	S'ly 1	...	10	8	...		26th. Rather cool. Sprinkling in the morning.
27	29.91	29.91	30.15	48	59	47	51.3	N. E.	N. E.	N. E. 1	10	2	0		27th. Rather cool.
28	30.19	30.15	30.02	44	57	44	48.3	S. E. 1	S'ly 2	S'ly 2	5	3	9		28th. Rather raw.
29	29.88	29.62	29.87	45	69	47	53.7	S'ly 2	S. W. 3	W'ly 1	10	10	5		29th. Appearances of rain in the morning.
S 30	30.04	29.96	30.02	43	61	50	51.3	N. W. 1	N. W. 1	W'ly 1	3	0	0		30th. Very fine.
Means	29.88	29.83	29.87	40.7	56.3	43.3	...	1.1	1.7	1.2	4.1	3.6	2.8	0.95	
									1.3			3.5			
REDUCED TO SEA LEVEL.															
Max.	30.64	30.67	30.67	55	69	56	57.3								
Min.	29.61	29.63	29.69	28	33	28	31.7								
Mean	30.06	30.01	30.05												
Range	1.03	1.04	0.98	27	36	28	25.6								

Prevailing winds from some point between—	Days.
N. & E.	5
E. & S.	1
S. & W.	7
W. & N.	17

	Days.
Clear	15
Variable, Cloudy	9
Rain or snow fell on	6

Mean of month	30.030	...	...	...	46.8		
Extreme range	1.06	...	...	...	41.0		

May, 1848. New Moon, 3d. 2h. 7m. A. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	30.07	29.98	29.89	42	65	52	53.0	N. W. 1	S. E'ly 2	S'ly 2	0	5	10		1st. Slight appearances of white frost in the College yard.
2	29.71	29.64	29.45	53	65	45	54.3	S'ly 1	S'ly 1	N. E. 2	10	10	Rain	} 2.10	2d. Pleasant. Appearances of rain in the evening; rain.
3	29.27	29.34	29.47	46	55	52	51.0	N. E. 1	N'ly 1	N. W. 1	Rain	Misty	5		3d. A little rain during the preceding night. Rain began between 8 and 9 P. M., and continued through the night; heavy at intervals.
4	29.66	29.62	29.88	50	71	57	59.3	W. 1	N'ly 2	N. W. 1	0	0	2		4th. Very fine.
5	29.84	29.79	29.73	53	61	55	56.3	S'ly 1	S. E'ly 1	S'ly 1	8	10	10		5th. Sprinkling of rain in the morning.
6	29.71	29.61	29.68	53	71	58	60.7	N. E. 1	N. E. 1	N. E. 1	Foggy	4	10		6th. Fog and mist in the morning. Pleasant in the afternoon.
S 7	29.58	29.46	29.47	57	71	64	64.0	S. E. 1	S. E. 2	W'ly 1	Foggy	2	5		7th. Sprinkling of rain from 6 to 7 P. M., with lightning.
8	29.55	29.58	29.64	55	74	59	62.7	N. W. 2	N. W. 2	W'ly 1	0	0	8		8th. Fine.
9	29.65	29.57	29.76	53	66	52	57.0	N. E. 2	N. E. 2	N. E. 1	10	5	6		9th. Rather cool.
10	29.75	29.69	29.62	52	70	54	58.7	S'ly 1	S. E'ly 3	S'ly 1	0	8	10		10th. Variable, with appearances of rain in the evening.
11	29.11	29.02	29.40	48	52	48	49.3	N. E. 3	N. W. 3	N. W. 1	Rain	5	2	0.75	11th. At sunrise, wind heavy N. E., with rain. At 6 A. M., barom. 29.20, and falling; at 11 A. M., 28.44; at 1 P. M., 29.13, with wind strong at N.W. Clear in the evening.
12	29.45	29.44	29.51	48	66	52	55.3	N. W. 1	N. W. 2	N. E'ly 1	2	8	10		12th. Pleasant.
13	29.54	29.54	29.60	48	66	52	55.3	...	...	S'ly	...	...	10		13th. Sprinkling of rain from 1 to 2 P. M.
S 14	29.61	29.57	29.74	52	57	49	52.7	S. W. 1	W'ly 3	W'ly 1	3	6	3		14th. Air raw for the season.
15	29.90	29.84	29.85	46	68	56	56.7	S. W. 1	S. W. 2	S. W. 2	2	3	Hazy		15th. Bright halo about the moon.
16	...	29.70	29.74	53	70	64	62.3	...	S. W. 2	S. W. 1	...	10	10		16th. Air damp.
17	29.81	29.73	29.75	62	71	59	64.0	S. W. 1	S. W. 1	S. W. 1	10	3	0		17th. Fine.
18	29.61	29.73	29.77	57	83	70	70.0	S. W. 1	N. W. 2	W'ly 1	2	0	0		18th. Very fine.
19	29.81	29.73	29.69	61	88	69	72.7	N. W. 1	S. W. 2	W'ly 2	0	0	5		19th and 20th. Very hot.
20	29.67	29.58	...	66	...	...	66.0	S. W. 1	...	...	8	...	...		21st. Rain in the evening, with thunder.
S 21	...	...	...	...	...	...	...	...	...	...	...	...	...		22d. Moderate rain by spells.
22	29.56	29.57	29.66	53	52	49	51.3	N. E. 2	N. E. 2	N. E. 2	Misty	Rain	Misty	0.85	23d. Very cool.
23	29.75	29.75	29.79	48	69	53	51.7	N. E. 1	N. E. 1	N. E. 1	10	10	2		24th. Misty and cool.
24	29.82	29.77	29.75	52	62	52	55.3	N. E. 1	N. E. 1	N. E. 1	Misty	10	Misty		25th. Very fine.
25	29.82	29.77	29.75	51	67	63	60.3	N. E. 1	S. E. 2	S'ly	10	2	2		26th. Light showers from 1 to 2 P. M.
26	29.69	29.68	29.78	62	68	63	64.3	S. E. 1	S. E. 1	E'ly 1	8	Rain	0		27th. Warm sun at mid-day. Cool evening.
27	29.92	29.94	29.97	56	67	53	62.0	N. E. 2	N. E. 2	N. E. 1	10	2	10		28th. Pleasant.
S 28	30.05	30.02	30.03	54	68	58	60.0	N. E. 1	S. E'ly 1	S'ly 1	10	2	5		29th. Very fine.
29	30.02	29.94	29.87	55	70	60	61.7	S'ly 1	...	S'ly 1	10	...	3		30th. Rain during the day. Clear in the evening.
30	29.69	29.59	29.32	63	65	61	63.0	S'ly 1	S. W. 2	W'ly 1	Rain	Rain	0	1.30	31st. Grew quite cool after 3 P. M. Aurora in the evening, rather bright and low down.
31	29.35	29.39	29.58	57	64	47	56.0	N. W. 1	N. W. 2	N. W. 1	3	9	0		
Means	29.68	29.65	29.69	53.5	67.0	56.1	...	1.2	1.8	1.2	6.4	6.1	5.9	5.00	
									1.4			6.1			
REDUCED TO SEA LEVEL.															
Max.	30.25	30.20	30.21	66	88	70	72.7								
Min.	29.29	29.20	29.50	42	52	45	49.3								
Mean	29.86	29.83	29.87												
Range	0.96	1.00	0.71	24	36	25	23.4								

Prevailing winds from some point between—	Days.
N. & E.	8
E. & S.	8
S. & W.	8
W. & N.	5

	Days.
Clear	5
Variable, Cloudy	14
Rain fell on	10

(2 days omitted.)

Mean of month	29.853	...	...	...	58.9
Extreme range	1.05	...	...	...	46.0

June, 1848. New Moon, 1d. 9h. 31m. A. M., and 30d. 5h. 11m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.63	29.55	29.68	44	59	57	53.3	N. W. 2	N. W. 2	N. W. 1	0	3	0		1st. Very cool.
2	29.72	29.72	29.70	48	70	58	58.7	N. W. 1	N. W. 2	N. W. 1	0	2	0		2d. Very fine.
3	29.65	29.58	29.58	54	83	71	69.3	N. W. 1	N. W. 1	N'ly 1	0	3	5		3d. Very warm.
S 4	29.69	29.72	29.66	57	79	62	66.0	N. E. 2	N. E. 1	S'ly 1	0	2	0		4th. Fine.
5	29.69	29.68	29.63	56	64	54	58.0	N. E'ly 1	E'ly 1	E'ly 1	Foggy	Rain	Rain	0.35	5th. Moderate rain in the afternoon.
6	29.48	29.57	29.63	52	63	54	56.3	N. E. 2	N. E. 2	N'ly 1	Foggy	10	5		6th. Variable.
7	29.63	29.62	29.69	54	61	53	56.0	N. E. 2	N. E. 2	N. E. 1	10	10	Rain		7th. Occasional light rain and cool.
8	29.74	29.64	29.59	54	58	58	56.7	N. E. 2	N. E. 2	N. E. 2	10	Misty	10		8th. Mist occasionally.
9	29.59	29.56	29.68	58	70	55	61.0	N'ly 2	N. W. 2	N'ly 1	5	8	5		9th. Cool.
10	29.66	29.65	29.66	60	76	64	66.7	S'ly 1	S. W. 2	S. W. 1	5	8	5		10th. Pleasant.
S 11	29.65	29.54	29.68	62	80	63	68.3	W'ly 1	W'ly 2	N. W. 1	2	0	0		11th. Very fine.
12	29.71	29.64	29.67	53	63	50	55.3	N. W. 1	N. W. 3	N. W. 2	0	0	0		12th. Very cool for the season.
13	29.62	29.53	29.58	46	61	54	53.7	N. W. 2	N. W. 2	N. W. 1	6	2	0		13th. Very fine, but cool.
14	29.58	29.50	29.62	53	74	61	62.7	N. W. 2	N. W. 2	N. W. 1	0	3	2		14th and 15th. Fine.
15	29.63	29.62	29.62	60	80	65	68.3	N. W. 1	N. W. 1	S. W. 1	2	5	5		16th. Extremely hot.
16	29.61	29.56	29.61	69	91	78	79.3	W'ly 1	W'ly 2	W'ly 1	0	2	2		17th. Very fine.
17	29.72	29.69	29.72	65	84	69	72.7	N. E. 1	S. E'ly 2	S. E. 1	0	0	2		18th. Very fine. Sun very hot from 2 to 4 P. M.
S 18	29.74	29.72	29.75	68	81	72	73.7	S. E. 1	S. E. 2	S. W. 2	0	3	5		19th. Very hot. Appearances of rain in the evening.
19	29.75	29.71	29.71	72	85	70	75.7	S. W. 2	S. W. 2	S'ly 2	8	3	10		
20	29.64	29.62	29.57	67	75	67	69.7	S. W. 1	S. W. 2	S. W. 2	Rain	10	10	0.55	20th. Rain in the morning, and occasionally through the day.
21	29.51	29.51	29.27	68	85	68	73.7	S. W. 1	S. W. 2	N. W'ly 1	10	7	0		21st. Thunder from 5 to 6 P. M., but no rain.
22	29.64	29.70	29.71	65	81	66	70.7	N. W. 1	W'ly 1	S. W. 1	3	8	0		22d. Fine.
23	29.76	29.62	29.49	67	78	72	72.3	S. W. 1	S. E. 2	W'ly 1	10	8	Rain		23d. Thunder and shower at 8 P. M.
24	29.54	29.61	29.70	68	77	66	70.3	N. W. 2	...	N. W. 2	6	...	0		24th. Very fine.
S 25	29.76	29.74	29.68	50	79	65	64.7	N. W. 1	W'ly 2	N. W. 1	0	3	1		25th. Fine.
26	29.89	29.91	29.92	63	77	63	67.7	W. 1	S. E'ly 2	S'ly	0	2	0		26th. Very fine.
27	29.93	29.90	29.76	63	80	65	69.3	S. W. 2	S. W. 2	S. W. 1	4	7	2		27th. Fine.
28	29.77	29.68	29.75	68	89	74	77.0	S. W. 2	S. W. 1	S'ly 1	5	8	10		28th. Very hot. Thunder and lightning at 10 P. M., with a dash of rain.
29	29.77	29.76	29.81	72	77	67	72.0	S. W. 1	N. E. 2	N. E'ly 1	5	10	2		29th. Very warm in the morning. Wind came to N. E. from noon to 1 P. M., and grew cooler.
30	29.22	29.72	29.78	62	73	62	65.7	N. E. 1	N. E. 2	N. E. 1	Rain	10	10	2.90	30th. Rained steadily and copiously in the morning.
Means	29.66	29.65	29.66	59.9	75.1	63.4	...	1.4	1.8	1.2	4.4	5.4	4.0	3.80	
									1.5			4.6			
REDUCED TO SEA LEVEL.															
Max.	30.11	30.09	29.99	72	91	78	79.3								
Min.	29.40	29.68	29.45	44	58	50	53.3								
Mean	29.84	29.83	29.84												
Range	0.71	0.41	0.54	28	33	28	26.0								
Mean of month			29.837	...	...	...	66.1								
Extreme range			0.71	...	...	...	47.0								

Prevailing winds from some point between— Days.

N. & E.	7
E. & S.	3
S. & W.	7
W. & N.	13

	Days.
Clear	10
Variable }	14
Cloudy }	
Rain fell on	6

July, 1848. New Moon, 30d. 2h. 17m. A. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.73	29.70	29.71	61	76	62	66.3	E'ly 1	S. E'ly 1	N. E. 1	10	10	Rain	0.25	1st. Moderate rain at 6 P. M.
S 2	29.77	29.70	29.64	60	74	62	65.3	N. E. 1	N. E. 1	N. E. 1	10	10	10		2d. Cool and damp.
3	29.49	29.32	29.35	61	72	65	66.0	N. E. 1	S. E'ly 1	W'ly 1	10	10	0		3d. Moderate rain in the morning. Clear in the evening.
4	29.54	29.57	29.68	62	74	60	65.3	W'ly 1	N. W. 2	N. W. 1	0	4	0		4th. Very fine.
5	29.72	29.67	29.60	58	78	61	65.7	N. W. 1	N. W. 1	N. W.	0	1	10	0.60	5th. Copious showers from 6 to 7 P. M., with thunder and lightning.
6	29.58	29.57	29.66	57	74	59	60.0	N. W. 1	N. W. 1	N. E. 1	2	10	0		6th. Fine.
7	29.70	29.79	29.90	57	62	55	58.0	N. E. 2	N. E. 3	N. E. 1	Misty	10	10		7th. Very cold mist most of the day. Fire and overcoats comfortable, almost necessary.
8	30.04	30.04	30.09	55	74	58	62.3	N. E. 1	N. E. 1	N. E. 1	2	3	2		8th. Cool.
S 9	30.09	30.04	29.99	55	74	62	63.7	S'ly 1	S. W. 2	S. W. 1	3	9	Rain	0.50	9th. Began to rain moderately at sunset.
10	29.97	29.92	29.92	62	73	67	67.3	S. W'ly 1	S. W. 1	S. W. 1	8	6	0		10th. Pleasant.
11	29.98	29.97	29.96	62	83	72	72.3	S'ly 1	S'ly 2	Calm	10	3	2		11th. Very brilliant aurora from 9 to 10 P. M.; needles shooting from N. W. round to N. E. up to a point a little south of the zenith, and, I judged, a little also to the east. Merry Dancers at the same time ran rapidly over the heavens from north to south. The diffused light in the upper region was occasionally pink.
12	30.01	29.96	29.93	72	80	69	73.7	S. W. 1	S. E'ly 2	S'ly 1	2	0	8		
13	29.92	29.82	29.79	71	80	71	74.0	S. W. 1	S. E'ly 1	S'ly 1	10	10	10		
14	29.66	29.58	29.53	72	82	72	75.3	S. W. 1	S'ly 1	S. W. 1	Rain	10	10	0.25	
15	29.55	29.53	29.53	70	80	76	75.3	N. W. 1	...	N. W. 1	0	...	0		
S 16	29.56	29.47	29.55	63	77	61	67.0	N. W. 1	N. W.	N. W. 1	0	0	0		12th. Fine.
17	29.59	29.72	29.78	55	76	63	64.7	N. W. 1	N. W. 1	N. W. 1	0	2	0		13th. Air very damp.
18	29.77	29.85	29.89	61	82	66	69.7	N. W. 1	N. W. 2	...	0	3	...		15th. Fine.
19	29.89	29.86	29.89	63	84	69	72.0	N. W. 1	S. W. 1	S. W. 1	0	2	2		16th to 19th. Very fine.
20	29.86	29.82	29.82	66	86	69	73.7	S. W. 1	S. W. 1	S. W. 1	0	0	0		20th and 21st. Very fine and very warm.
21	29.80	29.78	29.82	69	87	70	75.3	S. W. 1	S. W. 2	S. W. 1	0	0	0		
22	29.79	29.67	29.74	71	85	74	76.7	S. W. 1	S. W. 3	S. W. 1	10	3	0		22d. Appearances of rain in the morning.
S 23	29.73	29.70	29.74	75	84	74	77.7	S. W. 2	S. W. 3	S. W. 1	10	10	7		23d. Very warm and sultry.
24	29.72	29.68	29.79	72	82	71	75.0	S. W. 1	N. W.	W'ly 2	3	3	10		24th. Fine. Shower to the north.
25	29.82	29.81	29.86	70	86	71	75.7	S. W. 1	S. W. 2	S. W. 1	0	3	0		25th. Very fine.
26	29.85	29.81	29.81	71	90	75	78.7	S. W. 1	S. W. 1	S. W. 1	5	5	10		26th. Very hot.
27	29.80	29.72	29.75	76	86	76	79.3	S. W. 2	S. W. 5	S. W. 7	10	10	10	0.20	27th. Sultry; appearances of rain.
28	29.81	29.83	29.89	72	80	66	72.7	N. W. 1	...	N. W.	9	...	0		28th. Cool and damp in the morning.
29	29.93	29.90	29.92	65	71	66	67.3	N. W. 1	N. W.	N. W.	5	10	10		29th. Cool; appearances of rain. Showers to the south.
S 30	29.91	29.88	29.91	55	80	62	65.7	S. E. 1	S. E. 1	S. E. 1	3	4	0		30th. Very fine indeed.
31	29.73	29.64	29.54	65	76	70	70.3	E. 1	S. E. 1	S. E. 1	Rain	10	Foggy	0.05	31st. Rainy.
Means	29.79	29.75	29.77	64.6	79.0	66.9	...	1.1	1.7	1.0	4.9	5.5	4.7	1.85	
									1.3			5.0			
REDUCED TO SEA LEVEL.															
Max.	30.27	30.22	30.27	76	90	76	79.3								
Min.	29.67	29.50	29.53	55	62	55	58.0								
Mean	29.97	29.93	29.95												
Range	0.60	0.72	0.74	21	28	21	21.3								
Mean of month			29.950	...	...	...	70.2								
Extreme range			0.77	...	...	...	35.0								

Prevailing winds from some point between— Days.

N. & E.	3
E. & S.	6
S. & W.	12
W. & N.	10

	Days.
Clear	9
Variable }	17
Cloudy }	
Rain fell on	5

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS. (DIRECTION AND FORCE.)			WEATHER. (TENTHS CLOUDY.)			RAIN AND SNOW IN INCHES OF WATER.	REMARKS.
	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
August, 1848. NEW MOON, 28d. 1h. 53m. P. M.															
1	29.51	29.62	29.74	69	81	67	72.3	N. W. 1	N. W. 2	N. W. 1	7	8	0		1st. Fine.
2	29.84	29.89	29.95	62	78	67	69.0	N. W. 2	N. W. 2	N. W. 1	0	5	0		2d. Cool, but very fine.
3	30.05	30.02	30.03	64	79	79	74.0	N. W. 1	S. 3	S. E. 1	4	6	8		3d. Warm. Appearances of a thunderstorm at 5 P. M.
4	29.89	29.85	29.84	65	78	69	67.3	S. E. 1	...	S. W. 1	Foggy	....	10, Sh'r		4th. Fine. Shower in the night.
5	29.67	29.59	29.66	70	84	71	75.0	S. W. 2	S. W. 3	S. W.	10	5	2		5th. Fine.
S 6	29.68	29.70	29.78	68	80	68	72.0	N. W. 1	W'ly	N. W. 1	0	2	0		6th. Very fine.
7	29.92	29.93	29.98	62	82	67	70.3	N. W. 1	N. W. 1	N. W. 1	0	2	0		7th to 10th. Very fine. Very hot sun.
8	30.00	29.97	30.00	67	83	70	73.3	N. W. 1	N. W. 1	N. W. 1	0	3	0		
9	29.99	29.91	30.21	68	85	70	74.3	N. W. 1	S. W. 1	S. W. 1	0	6	4		
10	29.75	29.84	29.83	66	84	68	72.7	S. W. 1	S. W. 2	S. W. 1	0	0	0		
11	29.76	29.86	29.94	67	84	73	74.7	W'ly 1	W'ly 1	S. W. 1	0	0	7		11th. Very hot sun.
12	29.99	29.99	30.03	76	84	72	77.3	S. W. 1	S. W. 1	S. W. 1	9	2	10		12th. Very hot. Thin fog-clouds in the evening.
S 13	30.03	30.01	30.02	70	85	77	77.3	S. E'ly 1	S. E. 1	S. E'ly	10	5	Sh'r, 5		13th. Very hot. Two light showers in the afternoon.
14	29.95	29.96	30.00	74	82	73	76.3	S. E'ly	S. W. 1	W'ly 1	5	Shower	3	0.33	14th. Frequent showers, with intervals of bright sunshine between them.
15	30.03	30.03	30.00	74	86	74	78.0	S. W. 1	S. W.	S. W. 1	3	2	0		15th. Very fine and very hot.
16	29.97	29.91	29.87	74	85	75	78.0	S. W. 1	S. W. 1	S. W. 1	10	3	0		16th and 17th. Very fine.
17	29.84	29.77	...	75	87	...	81.0	S. W. 1	S. W. 2	...	8	3	0		
18	29.61	29.51	...	...	...	...	...	...	...	...	Rain	Rain	...	3.20	18th. Very heavy rain.
19	29.56	29.61	...	...	...	...	...	...	...	...	...	...	...		19th. Variable.
S 20	...	...	...	...	...	...	...	...	...	...	...	...	...		
21	29.81	29.80	...	...	...	...	...	...	...	...	...	...	...		21st to 27th. Clear.
22	29.87	29.87	...	...	...	...	...	...	...	...	...	...	...		
23	29.91	29.92	...	...	...	...	...	...	...	...	...	...	...		
24	29.95	29.84	...	...	...	...	...	...	...	...	...	...	...		
25	29.99	30.04	...	...	...	...	...	...	...	...	...	...	...		
26	30.15	30.11	...	...	...	...	...	...	...	...	...	...	...		
S 27	30.12	...	...	...	...	...	...	...	...	...	...	...	...		
28	29.90	29.76	...	...	...	...	...	...	...	...	...	...	Rain	0.20	28th. Cloudy, with light rain in the evening.
29	29.54	29.58	...	...	...	...	...	...	...	...	...	...	...		29th, 30th, and 31st. Fair.
30	29.73	29.69	...	...	...	...	...	...	...	...	...	...	...		
31	29.58	29.54	29.55	...	84	67	75.7	...	N. E. 1	N. E. 1	...	...	...		
Means	29.85	29.83	29.90	74.8	82.8	71.0	...	1.1	1.6	1.0	4.7	4.0	3.3	3.73	NOTE.—The entries from the 18th to the 31st, inclusive, are taken from the barometric record of Mr. George Boker, and reduced 9-100 of an inch —that being found by comparison to be the mean difference in the readings. Mr. B.'s observations are made at 9 A. M. and 3 P. M.
								1.2			4.0				
REDUCED TO SEA LEVEL.															
Max.	30.33	30.29	30.39	75	87	77	81.0								
Min.	29.69	29.69	29.73	62	78	67	67.3								
Mean	30.03	30.01	30.08												
Range	0.64	0.60	0.66	13	9	10	13.7								
Mean of month			30.040	...	...	...	76.2								
Extreme range			0.70	...	...	...	25.0								

Prevailing winds from some point between— Days.
N. & E. 1
E. & S. 3
S. & W. 9
W. & N. 5

Days.
Clear 6
Variable . . . } 7
Cloudy . . . }
Rain fell on . . 5
(13 days omitted.)

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
September, 1848. NEW MOON, 27d. 4h. 27m. A. M.															
1	29.54	29.50	29.54	67	83	68	72.7	W'ly 1	W'ly 2	N. W. 2	3	6	0		1st. Fine. Light shower at noon.
2	29.60	29.58	29.62	63	76	67	68.7	N. W. 2	N. W. 2	N. W. 1	0	4	10		2d, 3d, and 4th. Very fine.
S 3	29.75	29.74	29.78	63	75	64	67.3	N. W. 2	N'ly 2	N. W. 1	2	7	0		
4	29.79	29.73	29.71	61	79	69	69.7	N. W. 1	N. W. 1	N. W. 1	0	4	6		
5	29.76	29.71	29.68	63	80	69	70.7	N. W. 1	...	N. W. 1	5	...	9		5th. Fine.
6	29.73	29.74	29.79	70	79	61	70.0	N'ly 1	...	N. W. 1	9	...	0		6th, 7th, and 8th. Very fine.
7	29.81	29.81	29.85	53	68	56	59.0	N. W. 1	...	N. W. 1	0	...	0		9th. Very fine. Sprinkling of rain at 5 and 9 P. M.
8	29.91	29.80	29.78	56	71	57	61.3	N. W. 1	N. E'ly 2	S'ly 1	0	0	3		10th. Cloudy all day. Clear in the evening.
9	29.74	29.70	29.69	57	73	65	65.0	S'ly 1	...	S'ly 1	6	...	6		11th. Very pleasant.
S 10	29.85	29.83	29.87	57	70	60	62.3	N. E'ly 1	N. E'ly 1	S'ly 1	10	10	0		12th. Variable. Dashes of rain from the N.W. Became very cool in the afternoon, with heavy clouds. Clear in the evening. Total eclipse of the moon observed.
11	29.89	29.82	29.78	59	80	66	68.3	S'ly 1	S. W. 2	S. W. 1	Foggy	5	1		
12	29.76	29.82	29.98	65	64	50	59.7	N'ly 1	N'ly 1	...	10	Shower	...		
13	30.07	30.02	30.10	42	59	50	50.3	N'ly 1	N. W. 2	N. E. 1	0	0	0		13th. Very cool. Evening very clear.
14	30.06	29.95	29.78	42	60	57	53.0	N'ly 1	E'ly 2	S. E'ly 3	0	10	10		14th. Appearances of storm in the evening with occasional rain.
15	29.39	29.23	29.43	64	76	52	64.0	S. W. 2	S. W. 2	N. W.	Misty	5	0		15th. Occasional light rain in morning. Very clear in the evening.
16	29.60	29.60	29.68	44	61	48	51.0	N. W. 1	N. W. 1	N. W. 1	0	10	0		16th and 17th. Pleasant.
S 17	29.80	29.76	29.71	42	65	54	53.7	N. W. 1	S. E'ly 1	N. W. 1	0	3	0		18th. Rain.
18	29.54	29.67	29.84	52	71	56	59.7	N'ly 1	...	N. W. 1	Rain	...	0	1.90	19th. Fine.
19	29.99	29.95	29.92	51	71	57	59.7	N. W. 1	S. E. 2	N. W. 1	0	3	0		20th. Mist, and appearances of rain in the evening.
20	29.84	29.74	29.65	59	73	68	66.7	S. W. 2	S. W. 2	S. W. 1	0	9	10		21st. Pleasant.
21	29.69	29.69	29.78	57	70	58	61.7	N'ly 1	N'ly 1	N'ly 1	8	8	8		22d. Very fine.
22	29.75	29.68	29.67	50	53	45	49.3	N'ly 1	N'ly 2	N'ly 1	Rain	0	0	0.25	23d. Very fine, but cool for the season.
23	29.69	29.65	29.66	41	50	45	45.3	N. W. 1	...	N. W. 1	0	...	0		24th. Very fine.
S 24	29.65	29.63	29.71	49	64	54	55.7	W'ly 1	W'ly 2	N. W. 1	0	5	0		25th Pleasant.
25	29.74	29.73	29.67	50	63	59	60.7	W'ly 1	S. W. 1	S. W. 1	Rain	5	2	0.30	26th. Fine.
26	29.74	29.74	29.88	51	60	41	50.7	N. W. 1	N. W. 2	N. W. 2	2	0	0		27th. Very fine. Frost in some places in the vicinity.
27	29.86	29.74	29.59	34	54	42	43.3	N. W. 1	N. E. 2	N. E. 1	0	4	2		28th. First appearance of white frost in the College yard. Air dry, and frost not copious.
28	29.48	29.44	29.57	36	63	47	48.7	N. E'ly 1	W'ly 1	W'ly 1	2	2	2		29th. Mild, with appearances of rain.
29	29.62	29.60	29.65	45	67	63	58.3	S. W. 1	S. W. 2	S. W. 1	10	10	8		30th. Variable. Very warm.
30	29.70	29.73	29.79	62	75	66	67.7	S. W. 1	...	S. W. 1	5	...	10		
Means	29.74	29.71	29.74	53.5	68.4	57.1	...	1.1	1.7	1.1	4.1	4.8	3.0	2.45	
								1.3			5.5				
REDUCED TO SEA LEVEL.															
Max.	30.25	30.20	30.28	70	83	69	72.7								
Min.	29.57	29.41	29.61	34	50	41	43.3								
Mean	29.92	29.89	29.92												
Range	0.68	0.79	0.67	36	33	28	29.4								
Mean of month			29.910	...	...	...	59.7								
Extreme range			0.87	...	...	...	49.0								

Prevailing winds from some point between— Days.
N. & E. 6
E. & S. 2
S. & W. 6
W. & N. 16

Days.
Clear 9
Variable . . . } 15
Cloudy . . . }
Rain fell on . . 6

October, 1848. New Moon, 26d. 9h. 38m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
S 1	29.93	29.97	30.01	66	70	66	67.3	S. W. 1	...	S. W. 1	10	...	Rain		1st. Moderate rain in the evening.
2	30.19	30.19	30.24	58	51	50	53.0	N. E. 2	N. E. 2	N. E. 2	Rain	Rain	10	3.30	2d. Heavy shower in the morning, and rain and mist in the afternoon. Rain again in the night.
3	30.23	30.19	30.08	51	54	52	52.3	N. E. 2	N. E. 1	N. E. 1	Misty	Rain	Rain		3d. Moderate nearly all day and in the evening.
4	29.95	29.89	29.84	53	56	54	54.3	N'ly 1	N'ly 1	N. W. 1	Misty	Misty	10		4th. Mist in morning. Stars out in the evening.
5	29.87	29.88	29.94	54	67	54	58.3	N. W. 1	N. W. 2	N. W. 1	10	8	0		5th. Evening very clear.
6	30.11	30.04	30.13	48	62	49	53.0	N. W. 3	N. E. 1	...	0	0	...		6th. Very fine.
7	30.13	30.00	29.91	44	66	54	54.7	N. W. 1	S'ly 2	S. W. 1	0	0	2		7th. Slight appearances of white frost in the College yard.
S 8	29.81	29.79	30.08	56	64	43	54.3	W'ly 1	N. W. 1	N. W. 2	10, Sh'r	3	0		8th. Light shower at 7 A. M; wind westerly. Clouds soon passed away. Grew cooler in the afternoon. Very clear in the evening.
9	30.12	30.01	29.88	36	55	45	45.3	N. W. 1	E'ly 1	E'ly 1	0	0	0		9th. Very fine.
10	29.69	29.63	29.79	52	57	47	52.0	S. W'ly 2	W'ly 1	N. W. 1	8	Rain	0		10th. Variable. Light shower from 1 to 2 P. M.
11	29.95	29.92	29.90	35	53	40	42.7	N. W. 1	N. W. 2	N. W. 1	0	0	0		11th and 12th. Very fine.
12	29.83	29.75	29.92	36	63	48	49.0	N. W. 1	W'ly 2	N. W. 1	0	0	0		13th. Bright and well-defined halo about the moon, having about 22° radius.
13	30.08	30.04	30.02	36	54	38	42.7	N. W. 1	N. W. 1	N. E'ly	0	0	2		14th and 15th. Very fine.
14	29.97	29.80	29.67	33	52	42	42.3	N. E. 1	...	S. W. 1	7	...	0		
S 15	29.61	29.64	29.76	43	63	47	51.0	N. W. 1	N. W. 1	N. W. 1	0	0	0		
16	29.75	29.65	29.63	41	68	61	56.7	N. W. 1	S'ly 1	S. W. 3	0	8	10		16th. Appearances of rain.
17	29.65	29.63	29.64	62	75	61	66.0	S'ly 1	S'ly 1	S'ly 1	10	8	Rain	0.15	17th. Began to rain moderately at 9 P. M.
18	29.61	29.55	29.35	59	58	61	59.3	E'ly 1	N. E. 1	N. E. 1	10	Rain	Rain	} 0.50	18th. Rained moderately at intervals.
19	29.27	29.24	29.39	53	59	52	54.7	S. E. 1	S'ly 1	W'ly 1	Misty	Misty	10		19th. Mist, with occasional sprinkling of rain.
20	29.48	29.44	29.57	45	55	42	50.7	N. W. 1	N. W. 1	N. W. 1	0	7	0		20th. Very fine.
21	29.67	29.59	29.66	38	55	43	45.3	N. W. 1	W'ly 1	N. W. 1	2	10	0		21st and 22d. Pleasant.
S 22	29.67	29.60	29.63	35	51	41	42.3	N'ly 1	N. W. 1	N. W. 1	2	0	0		
23	29.69	29.56	29.72	35	51	42	42.7	N. W. 1	N. W. 2	N. W. 1	0	0	0		23d. Aurora in the evening.
24	29.74	29.62	29.55	40	55	55	50.0	N'ly 1	E'ly 1	S'ly 1	10	Rain	Misty	0.10	24th. Drizzle and mist mixed with some rain.
25	29.78	29.76	29.83	47	57	43	49.0	N. W. 1	N. W. 1	N. W. 1	0	0	0		25th. Aurora in the evening; quite bright coruscations, rising occasionally to the height of 40°.
26	29.80	29.81	29.68	37	53	42	44.0	N. E'ly 1	S'ly 1	S. W. 1	10	10	2		26th. Mild.
27	29.54	29.49	29.51	37	53	40	43.3	N'ly 1	N. W'ly 1	N'ly 1	3	6	0		27th. Pleasant.
28	29.68	29.64	29.63	34	53	45	44.0	N. W. 1	...	S. W'ly 1	0	...	2		28th. Very fine.
S 29	29.60	29.58	29.59	50	63	59	57.3	S'ly 1	S. W. 2	S. W. 1	10	Rain	10		29th. Occasional light showers.
30	29.67	29.60	29.54	58	64	57	59.7	S. W. 1	E'ly 1	E'ly 0	10	Misty	7		30th and 31st. Mist and fog.
31	29.58	29.57	29.60	55	59	54	56.0	S. W'ly 1	S. W. 1	S. W. 1	Foggy	Misty	Foggy		
Means	29.80	29.74	29.76	46.0	58.6	49.2	...	1.2	1.2	1.0	5.2	5.7	4.2	4.05	
								1.1			5.0				
REDUCED TO SEA LEVEL.															
Max.	30.41	30.37	30.42	66	75	66	67.3								
Min.	29.45	29.42	29.53	33	51	38	42.3								
Mean	29.98	29.92	29.94												
Range	0.96	0.95	0.89	33	24	28	25.0								
Mean of month			29.947	...	...	...	51.3								
Extreme range			1.00	...	...	...	42.0								

Prevailing winds from some point between— Days.

N. & E.	7
E. & S.	2
S. & W.	8
W. & N.	14

	Days.
Clear	10
Variable	11
Cloudy	
Rain fell on	10

November, 1848. New Moon, 25d. 4h. 21m. P. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.72	29.64	29.62	44	54	40	46.0	N. W. 1	N. W. 1	N. W. 1	9	0	0		1st. Fine.
2	29.77	29.80	30.01	35	50	37	40.7	N. W. 1	N. W. 1	N. W. 1	0	0	0		2d and 3d. Very fine.
3	30.20	30.21	30.28	36	50	37	41.0	N. W. 1	N. W. 3	N. W. 1	0	4	0		4th. Sprinkling of rain in the evening. First frost to injure dahlias, and not much.
4	30.15	30.04	29.96	37	52	50	46.3	...	...	N. E. 1	...	...	Rain		5th. Mist and moderate rain in the morning.
S 5	29.74	29.39	29.45	53	58	42	51.1	S. E'ly 3	S. E. 3	N. W. 1	Misty	Rain	0	1.80	Heavy rain, and strong wind at S. E. in the afternoon. Cleared from 6 to 7 P. M. Evening very clear.
6	29.64	29.61	29.70	34	48	39	40.3	N. W. 1	N. W. 1	N. W. 1	0	0	1		6th and 7th. Very fine.
7	29.71	29.68	29.88	35	46	35	38.7	N. W. 1	N. W. 1	N. W. 1	5	3	0		8th. Severe black frost this morning; the first for the season on this hill. Day very fine.
8	30.05	29.98	29.98	28	44	34	35.3	N. W. 1	N. W. 1	N. W. 1	0	3	7		9th. Flurry of snow this morning; ground white in some places. Transit of Mercury in the morning, beginning at 6 h. 17 m., and ending at 11 h. 41 m.; not seen at all, by reason of clouds.
9	29.86	29.82	30.01	34	44	28	35.3	S. E. 1	N. W. 1	N. W. 1	Snow	7	0	0.10	
10	30.13	30.11	30.24	22	30	20	24.0	N. W. 1	N. W. 1	N. W. 1	0	2	0		
11	30.35	30.29	30.24	13	33	29	25.0	N. W. 2	N. W. 1	W'ly 1	0	0	5		
S 12	30.21	30.15	30.23	34	39	36	36.3	E'ly 1	N. E. 1	N. E. 1	10	Misty	Rain	0.40	10th. Cold, but pleasant.
13	30.11	30.10	30.16	35	39	27	33.7	W'ly 1	N. W'ly 3	N. W. 1	10	2	0		11th. Very cold morning.
14	30.14	30.06	29.96	24	42	31	32.3	N. E. 1	S. W. 1	S'ly 1	0	3	5		12th. Ground white with snow in some places this morning, and snow in the air. Mist all day. Rain in the evening.
15	29.78	29.68	29.73	34	49	38	40.3	S. W. 1	S. W. 1	N. W. 1	10	7	0		
16	29.82	29.68	29.73	31	48	44	41.0	N. W. 1	S. W. 1	S. W. 1	0	2	Hazy		15th. Cloudy in the morning. Very fine in the evening.
17	29.77	29.77	29.89	45	48	39	44.0	S. W. 1	S. W. 2	W'ly 1	10	5	10		16th. Pleasant.
18	29.95	29.92	30.03	37	40	31	36.0	W'ly	W'ly 1	N'ly 1	10	8	0		17th. Mild.
S 19	30.03	29.98	29.75	28	35	32	31.7	N'ly 2	N'ly 2	N. E. 2	8	10	Snow	} 1.00	18th. Mild. Grew cool in the evening.
20	29.43	29.41	29.55	32	32	31	31.7	N. E'ly 3	N. W. 2	N. W. 2	Snow	Misty	10		19th. Wind N'ly and N. E., raw. Began to snow from 8 to 9 P. M., and continued through the night, with heavy wind and heavy fall of snow for the season—being six or eight inches on the level.
21	29.70	29.66	29.70	28	40	32	33.3	N. W. 1	N. W. 1	N. W. 1	0	0	0		
22	29.77	29.72	29.78	30	43	31	34.7	N. W. 1	N. W. 1	N. W. 1	0	2	0		
23	29.84	29.77	29.80	31	43	33	35.7	W'ly 1	E'ly 1	S'ly 1	10	0	0		
24	29.85	29.69	29.46	31	45	48	41.3	S'ly 1	S'ly 1	S'ly 1	Foggy	Foggy	Rain	0.50	20th. Storm raging with considerable violence at sunrise, and snow much drifted. The average on the level would be, perhaps, eight or nine inches, and very damp.
25	29.24	29.25	29.43	54	55	42	50.3	S. W. 1	W'ly 1	W'ly 1	10	2	0		
S 26	29.51	29.50	29.71	35	46	34	38.3	W'ly 1	W'ly 1	N. W. 1	0	4	0		21st. Very fine. Aurora very brilliant from 7 to 8 P. M., extending from N. N. W. to N. E. Coruscations sprang from the horizon, and shot up to the height of 30°. The light continued through the evening, but with diminished brilliancy.
27	29.99	30.00	30.12	34	36	25	31.7	N'ly 1	N. W. 1	N. W. 1	10	2	0		
28	30.19	30.05	30.08	24	37	32	31.0	N. W. 1	N. W. 1	N. W. 1	0	1	0		
29	30.03	29.92	29.92	34	47	40	40.3	S. W. 1	S. W. 1	S. W. 1	0	2	2		
30	29.78	29.75	29.90	46	56	41	47.7	S. W. 1	S. W. 2	W'ly 1	4	6	0		22d and 23d. Very fine.
Means	29.88	29.82	29.88	33.9	44.3	35.3	...	1.2	1.3	1.1	5.0	4.0	3.0	3.80	24th. Foggy. Rain in the evening.
								1.2			4.0				25th. Pleasant.
REDUCED TO SEA LEVEL.															26th. Pleasant. Aurora quite bright at 10 P. M.
Max.	30.53	30.47	30.46	54	58	50	51.0								27th. Fine. Evening very clear. Faint aurora.
Min.	29.42	29.43	29.61	13	30	25	24.0								28th. Very fine.
Mean	30.06	30.00	30.06												29th. Pleasant.
Range	1.11	1.04	0.85	41	28	25	27.0								30th. Very fine.
Mean of month			30.040	...	...	...	37.8								
Extreme range			1.11	...	...	...	45.0								

Prevailing winds from some point between— Days.

N. & E.	3
E. & S.	1
S. & W.	8
W. & N.	18

	Days.
Clear	12
Variable	11
Cloudy	
Rain or snow fell on	7

December, 1848. New Moon, 25d. 11h. 14m. A. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.09	30.02	30.04	32	44	37	37.7	W. 1	N. W. 1	E'ly 1	4	2	10		1st. Thick haze in the evening, deepening into clouds.
2	29.80	29.49	29.61	40	55	46	47.0	E'ly 1	S. E. 3	W'ly 1	Misty	Misty	0	0.25	2d. Rain in the afternoon, with wind S. E., S'ly, and S. W. Cleared from 7 to 8 P. M., with wind W'ly.
S 3	29.81	29.80	30.00	40	46	36	40.7	W'ly 1	W'ly 2	W'ly 1	0	0	0		3d and 4th. Very fine.
4	30.00	30.01	30.16	40	56	45	47.0	S. W'ly 1	W'ly 1	W'ly 1	10	7	10		5th. Mist in the afternoon, and appearances of rain.
5	30.22	30.15	30.16	39	49	40	42.7	N. E'ly 1	N. E. 1	N. E. 1	10	10	Misty		6th. Mist, approaching to rain.
6	30.04	29.95	30.02	40	40	34	38.0	N. E. 1	N. E. 1	N'ly 1	10	Misty	Misty		7th. Rain and heavy mist.
7	30.03	29.92	29.91	34	35	33	34.0	N. E. 1	N. E. 1	N'ly 1	Rain	Rain	Misty	0.10	8th. Very mild in evening; wind light N. E., with clouds passing from S. W'ly.
8	29.78	29.69	29.83	35	59	55	49.7	W'ly 1	S. W. 1	S. W. 1	Misty	10	7		9th. Occasional rain and mist in the afternoon. Rain increased in the evening.
9	30.01	30.02	29.98	43	49	40	44.0	N. W. 1	N. W. 1	N. E. 1	2	5	8		10th. Halo about the moon at 10 P. M.
S 10	29.90	29.69	29.49	40	47	56	47.7	E'ly 1	S'ly 1	S'ly 1	10	Rain	Rain	0.40	11th. Variable.
11	29.58	29.64	29.82	44	47	35	42.0	N. W. 1	N. W. 1	N. W. 1	7	3	4		12th. Air very raw. Evening clear.
12	29.89	29.94	30.01	32	38	30	33.3	N'ly 1	N'ly 1	N. W. 1	10	10	0		13th. Mild for the season.
13	30.09	30.11	30.15	30	43	40	37.7	N'ly 1	E'ly 1	E'ly 1	8	10	10		14th. Very mild.
14	30.03	29.99	29.78	40	50	46	45.3	N. E. 1	E'ly 1	S'ly 1	10	10	Foggy		15th. Moderate rain at intervals in the morning. Very clear in the evening.
15	29.65	29.62	29.94	46	51	35	44.0	S. W. 1	S. W. 1	N. W. 1	Foggy	Rain	0	} 0.45	16th. Rain in the evening.
16	30.07	29.97	29.75	28	47	47	40.7	N. W. 1	S. E'ly 1	S'ly 1	0	10	Rain		17th. Clear, mild, and pleasant as May. Aurora in the evening.
S 17	29.63	29.66	29.69	47	53	42	47.3	W'ly 1	W'ly 1	N. W. 1	0	0	2		18th. Very fine.
18	29.72	29.81	29.83	45	53	39	45.7	N. W. 1	N. W. 1	N. W. 1	0	0	0		19th. Pleasant.
19	29.68	29.55	29.66	45	62	52	53.0	S'ly 1	S. W. 1	S. W. 1	Foggy	2	4		20th. Scattered snow-flakes falling at sunset. Moderate rain at 10 P. M.
20	29.93	29.97	29.87	40	43	35	39.3	N. W. 1	N. E. 1	N. E. 1	9	10	10		21st. Snow in the afternoon.
21	29.77	29.72	29.96	35	31	24	30.0	N. E. 1	N'ly 1	N. 3	Sn., r'n	10	Snow		22d. Severe snow all day, without intermission.
22	30.01	29.78	29.64	16	25	12	17.7	N. 1	N'ly 2	N'ly 3	Snow	Snow	Snow	0.76	23d. Snow nine or ten inches deep, and somewhat drifted. Aurora brilliant, with streamers.
23	30.11	30.11	30.23	11	18	10	12.7	N. W. 1	N. W. 1	N. W. 1	0	0	0		24th. Air filled with fine needles of snow in the afternoon. Rain in the evening.
S 24	30.19	30.06	29.73	12	27	40	26.3	N. W. 1	N. W. 1	S. W. 1	8	10	Rain	} 0.50	25th. Moderate rain and fog all day. Cleared from 11 to 12 P. M.
25	29.71	29.64	29.52	40	42	40	40.7	S. W. 1	S. W. 1	W'ly 2	10	Rain	2		26th. Very fine.
26	29.87	30.00	30.30	32	33	24	29.7	W'ly 3	W'ly 3	N. W. 1	0	2	0		27th. Began to snow moderately at 2 P. M. Some rain during the night.
27	30.37	30.15	29.50	20	21	34	25.0	N'ly 1	N. E. 1	S. E'ly	10	Snow	Snow	0.50	28th. Very fine.
28	29.50	29.86	30.03	28	34	22	28.0	N. W. 1	N. W. 2	N. W. 1	0	0	0		29th. Began to snow moderately at 10 A. M., and continued through the day and evening.
29	30.08	29.96	29.71	24	27	30	27.0	N. W. 1	N. E'ly 1	N. E'ly 1	10	Snow	Snow		30th. Snowed moderately till 3 P. M. Cleared in the evening, five or six inches of damp snow having fallen.
30	29.49	29.31	29.51	28	32	30	30.0	N'ly 1	N'ly 1	N. W. 1	Snow	Snow	0	0.87	31st. Very fine.
S 31	29.69	29.78	29.97	29	37	30	32.0	N. W. 1	N. W. 2	N. W. 1	0	0	0		
Means	29.90	29.85	29.86	34.0	41.8	36.0	...	1.1	1.2	1.2	6.6	6.8	5.7	3.83	
									1.2			6.4			
REDUCED TO SEA LEVEL.															
Max.	30.55	30.33	30.48	47	62	56	53.9								
Min.	29.67	29.49	29.67	11	18	10	12.7								
Mean	30.08	30.03	30.04												
Range	0.88	0.84	0.81	36	44	46	40.3								
Mean of month			30.050	...	...	...	37.3								
Extreme range			1.06	...	...	...	52.0								

Prevailing winds from some point between—	Days.
N. & E.	9
E. & S.	5
S. & W.	5
W. & N.	12

	Days.
Clear	7
Variable, Cloudy	10
Rain or snow fell on	14

January, 1849. New Moon, 24d. 4h. 55m. A. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.07	30.01	29.76	20	33	27	26.7	N. W. 1	N. W. 1	N. W. 1	0	7	10		1st. Pleasant. Appearances of storm in the evening.
2	29.66	29.71	29.68	10	11	0	7.0	N. W. 2	N. W. 2	N. W. 2	0	0	0		2d. Clear, but very cold.
3	29.59	29.53	29.56	2	18	14	11.3	N. W. 1	N. W. 2	N. 2	0	0	0		3d. Very fine, but cold; wind piercing.
4	29.56	29.44	29.36	15	20	16	17.0	N. W. 3	W'ly 2	N. W. 1	9	7	0		4th. Fine, but cold.
5	29.23	29.22	29.31	19	17	18	18.0	W'ly 2	N. W. 2	W'ly 2	0	5	6		5th. Flurry of snow at 11 A. M., and grew cooler.
6	29.46	29.63	29.74	20	25	18	21.0	N. W. 1	N. W. 2	N. W. 1	0	0	0		6th. Fine. Evening splendid.
S 7	29.91	29.93	30.01	10	18	11	13.0	N. W. 1	N. W. 1	N. W. 1	0	5	0		7th. Very fine.
8	30.02	29.94	29.88	14	32	29	25.0	N'ly 1	N'ly 1	W'ly	10	10	10		8th. Very mild in the afternoon, with some appearances of storm.
9	29.80	29.67	29.60	28	31	24	27.7	N'ly 1	N. E. 1	N. E. 2	10	5	10		9th. Appearances of storm in the evening.
10	29.73	29.78	29.91	8	12	3	7.7	N. W. 2	N. W. 2	N. W. 2	4	0	2		10th. Very cold in the evening; wind brisk.
11	30.13	30.11	30.26	—4	9	6	3.7	N. W. 1	N. W. 2	N. W. 1	0	0	0		11th. Thermometer 4° below zero at sunrise. Very cold, but otherwise pleasant.
12	30.46	30.43	30.43	3	20	17	13.3	N. W. 1	N. W. 1	N. W. 1	0	0	2		12th. Pleasant.
13	30.26	30.09	29.93	24	39	38	33.7	S. W. 2	S. W. 2	S. W. 1	8	10	Misty		13th. The air chilly and raw. Appearances of rain in the evening.
S 14	29.71	29.73	29.92	42	46	41	43.0	S. W. 2	W'ly 2	W'ly 1	Rain	5	0	} 0.50	14th. Light rain and mist early in the morning. Cloudy through the day. Clear at 10 P.M. Aurora in the north, not very bright.
15	29.97	29.72	29.43	35	36	42	37.7	S. W. 1	S. E'ly 1	W'ly 3	10	Misty	8		15th. Moderate rain from S. E. in the afternoon. Wind came to westward from 8 to 9 P. M., and stars appeared.
16	29.83	29.88	30.02	29	32	27	29.3	W'ly 2	N. W. 2	N. W. 1	4	0	0		16th. Fine.
17	29.82	29.56	29.66	32	43	31	35.3	S. W'ly 2	S. W. 3	N. W. 3	10	9	0		17th. Sprinkling of rain in the morning; wind S. W. Evening clear, with wind very brisk at N. W.
18	30.10	30.10	30.33	14	14	11	13.0	N. W. 2	N. W. 3	N. W. 1	0	0	0		18th. Fine.
19	30.58	30.53	30.51	5	13	10	6.0	N. W. 1	N. W. 2	N. W. 1	0	0	0		19th. At 9½ A. M., the barometer stood at 30.63. Cold, but pleasant.
20	30.38	30.16	29.94	12	33	35	26.7	S. W. 1	S. W. 2	S. W. 1	1	0	Rain		20th. Grew cloudy towards evening. Began to rain and mist moderately from 8 to 9 P. M.
S 21	29.96	29.87	29.97	28	38	33	33.0	N. W. 1	N. W. 1	N. W. 1	1	4	10		21st. Clear. A light dusting of snow on the ground in the morning.
22	30.09	29.99	29.91	16	21	18	18.3	N. W. 1	N. W. 2	N. W. 1	3	1	0		22d. Pleasant.
23	29.90	29.97	30.01	23	34	26	27.7	N. W. 1	W'ly 2	W'ly 1	1	3	0		23d. Pleasant. Evening very clear.
24	30.01	29.97	29.98	26	45	40	37.0	W'ly 1	S. W. 2	S. W. 1	0	7	10		24th. Very mild.
25	29.99	29.89	29.78	39	42	43	41.3	S. W. 1	S. W. 1	S. W. 2	10	Rain	Rain	0.10	25th. Began to rain very moderately from 10 to 11 A. M —rained but little. Very moderate rain in the evening.
26	29.49	29.39	29.60	45	53	40	46.0	S. W. 2	S. W. 2	N. W. 2	Rain	8	0		26th. Light rain early in the morning. Very blustering from 10 to 12 P. M.
27	30.02	30.07	30.18	24	31	23	26.0	N. W. 2	N. W. 2	N. W. 1	0	0	2		27th. Fine.
S 28	30.37	30.29	30.20	16	29	30	25.0	N. W. 1	N. W. 1	S. W. 1	6	1	10		28th. Pleasant. In the evening, cloudy and appearances of storm.
29	29.97	29.79	29.64	34	45	42	40.3	S. W. 1	S. W. 1	S. W. 1	10	10	10		29th. Very mild.
30	29.52	29.66	29.94	42	42	19	34.3	S. W. 1	N'ly 2	N'ly 3	Rain	10	10	0.20	30th. Wind changed from S. W. to N. W. from 7 to 8 A. M. Grew quite cold towards evening.
31	30.10	30.22	30.33	12	18	10	13.3	N'ly 2	N. W. 2	N. W. 2	6	0	0		31st. Pleasant.
Means	29.93	29.88	29.89	20.7	29.0	23.9	...	1.4	1.7	1.5	4.2	4.1	4.2	0.80	
									1.5			4.2			
REDUCED TO SEA LEVEL.															
Max.	30.76	30.71	30.69	45	53	43	46.0								
Min.	29.41	29.40	29.49	—4	9	0	6.0								
Mean	30.11	30.05	30.07												
Range	1.35	1.31	1.20	49	44	43	40.0								
Mean of month			30.080	...	...	...	24.5								
Extreme range			1.36	...	...	...	57.0								

Prevailing winds from some point between—	Days.
N. & E.	1
E. & S.	0
S. & W.	9
W. & N.	21

	Days.
Clear	12
Variable, Cloudy	12
Rain or snow fell on	7

February, 1849. New Moon, 22d. 8h. 21m. A. M.

DAYS.	Barometer, reduced to 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	Thermometer. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Winds. (Direction and Force.) Sunrise.	At 1 P. M.	At 10 P. M.	Weather. (Tenths Cloudy.) Sunrise.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	Remarks.
1	30.00	29.60	29.69	18	37	38	31.0	N'ly 1	N. E. 1	W'ly 1	10	Snow	10		1st. Began to snow from 7 to 8 A. M., and snowed very fast till 11 or 12 o'clock, the snow growing quite damp, and being seven or eight inches deep. Scarcely any wind, but vanes pointing E'ly.
2	29.73	29.62	29.57	35	33	32	33.3	W'ly 1	W'ly 1	W'ly 1	10	...	5		
3	29.59	29.83	30.01	28	28	19	25.0	W'ly 1	N. W. 3	N. W. 1	2	0	0		
S 4	30.05	29.84	29.84	15	32	28	25.0	N. W. 3	W'ly 2	S. W. 1	0	2	5		2d. Began to snow moderately from 9 to 10 A.M., and continued till 1 P. M.
5	29.65	29.57	29.68	31	32	26	29.7	N. E. 1	N. E. 1	N'ly	Snow	Snow	Hazy	} 0.40	3d. Pleasant.
6	29.75	29.76	29.63	13	34	20	22.3	N'ly 1	E'ly 1	N. E. 1	5	10	Snow		4th. Pleasant. Bright corona around the moon at 9 P. M., of brilliant prismatic colors.
7	29.65	29.66	29.99	11	30	10	17.0	N. W. 1	N. W. 1	N. W. 3	0	0	0		
8	30.03	29.91	29.52	3	23	29	18.3	N. W. 1	S. W. 2	S. W. 2	0	5	Snow		5th. Began to snow moderately about 6 A. M., and continued till 2 to 3 P. M.
9	29.31	29.40	29.59	29	27	17	17.7	S. W. 2	W'ly 2	N. W. 2	2	0	4		6th. Light snow floating in the air during the day. Light fall of snow in the evening.
10	29.90	29.89	29.83	6	16	21	14.3	N. W. 1	N. W. 2	W'ly 1	0	0	10		7th. Fine.
S 11	29.65	29.59	29.74	34	45	21	33.3	S. W. 1	W'ly 1	N. E. 2	10	6	10		8th. Began to snow moderately from 7 to 8 P. M. Barometer falling pretty fast.
12	29.72	29.63	29.56	15	9	6	10.0	N. E. 2	N. E. 3	N. E. 3	10	Snow	10		9th. An inch of fresh snow on the ground this morning. Grew cold towards night, with the wind very severe.
13	29.75	29.69	29.81	6	18	10	11.3	N. W. 1	N. W. 1	N. W. 1	3	2	0		10th. Cold. Appearances of snow in the evening.
14	29.82	29.79	29.79	10	20	18	16.0	N. W. 1	N. W. 1	N. W. 2	10	0	5		11th. Very mild in the morning. Wind changed to N. E. from 3 to 4 P. M., and grew cooler immediately.
15	29.83	29.80	29.82	3	16	6	8.3	N. W. 1	N. W. 1	N. W. 1	0	0	0		
16	29.89	29.85	29.88	—1	16	5	6.7	N. W. 1	N. W. 1	N. W. 1	2	0	0		12th. Began to snow from noon to 1 P. M., and ceased from 7 to 8 P. M. At 9 P. M., the sky was quite cleared, but clouded over before 11 P. M. The wind piercing and cold.
17	29.88	29.84	29.86	7	16	12	11.7	N'ly 2	N'ly 2	N.W'ly 3	10	10	5		
S 18	29.90	29.89	30.03	9	18	10	12.3	N'ly 3	N'ly 2	N. W. 1	10	10	0		13th. Fine.
19	30.31	30.30	30.45	2	14	4	6.7	N. W. 1	N. W. 1	N. W. 1	0	0	0		14th. Flurry of snow in the evening for a short time.
20	30.55	30.47	30.43	1	27	16	14.7	N. W. 1	N. E. 1	N. E. 1	5	10	10		15th. Fine.
21	30.46	30.45	30.49	14	31	26	25.7	N. E. 1	N. E. 1	N. E. 1	10	5	10		16th. At sunrise, ther. 1° below zero; at 8 A. M., it stood at zero; wind very light, and morning pleasant. Aurora in the evening.
22	30.47	30.35	30.34	25	33	27	28.3	N. E. 1	N. E. 2	N. E. 3	10	10	10		
23	30.17	30.15	30.14	27	35	31	31.0	N. E. 3	N. E. 2	N. E. 1	10	10	0		17th. Flurry of snow from 5 to 6 P. M. Clear before midnight.
24	30.11	30.05	29.89	28	42	35	35.0	N'ly 1	N. E. 1	N. E. 1	0	0	10		
S 25	29.92	29.92	30.04	34	36	33	34.3	E'ly 2	E'ly 1	N. E'ly 2	10	Snow	M't, sn.	} 0.20	18th. Raw and cold.
26	30.16	30.20	30.32	34	37	33	34.7	N. E. 3	N. E. 3	N. E. 3	10	Snow	Misty		19th. Fine, but cold. Aurora quite brilliant.
27	30.47	30.51	30.57	33	36	32	33.7	N. E. 2	N. E. 2	N. E. 2	10	10	Snow		20th. Very raw and cold to the feelings.
28	30.46	30.53	30.40	32	37	33	34.0	N. E. 1	N. E. 2	N. E. 1	10	10	Misty		21st. Very mild.
Means	29.97	29.93	29.96	17.9	27.8	21.3	...	1.5	1.6	1.6	6.0	5.5	6.2	0.60	22d. Appearance of storm in the evening.
									1.6			5.9			23d. Evening very mild and very clear.
REDUCED TO SEA LEVEL.															24th. Very mild.
Max.	30.73	30.71	30.75	35	45	38	34.0								25th. Began to snow gently from 11 to 12 A. M.; continued through the day, with some mist.
Min.	29.49	29.58	29.70	—1	9	4	6.7	Prevailing winds from some point between—		Days.			Days.		26th. Snow and mist; the snow melting as it fell, and small in amount.
Mean	30.15	30.11	30.14												27th. Flurry of snow at 10 P. M.
Range	1.24	1.13	1.05	36	36	34	27.3	N. & E.		14	Clear		7		28th. Air full of snow in the morning. Mist in the evening.
								E. & S.		0	Variable		} 11		
Mean of month		30.133		...	...	...	22.4	S. & W.		1	Cloudy				
Extreme range		1.26		...	...	...	46.0	W. & N.		13	Rain or snow fell on		10		

March, 1849. New Moon, 24d. 8h. 57m. A. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.19	29.99	30.02	36	46	38	40.0	S. W. 1	S. W. 1	N. W. 1	10	10	0		1st. Very mild. Evening clear.
2	30.11	30.09	30.11	27	35	28	30.0	N. E. 2	N. E. 2	N. E. 2	2	7	10		2d. Appearances of storm in the evening, the moon shining very dimly through deep haze thickening into clouds.
3	30.12	30.10	30.19	25	32	27	28.0	N. E. 2	N. E. 2	N. E. 2	10	10	10		
S 4	30.32	30.29	30.32	18	33	23	24.7	N'ly 1	N. E. 2	N. E. 1	0	5	0		3d. Appearances of storm in the evening.
5	30.33	30.29	30.30	17	34	25	25.3	N. E. 1	N. E. 2	N. E. 1	0	0	0		4th. Pleasant.
6	30.36	30.29	30.18	24	40	33	32.3	N. E'ly 1	E'ly 2	E'ly 2	3	2	10		5th. Very fine.
7	29.94	29.72	29.62	33	37	32	34.0	S. E. 2	S. E. 2	N. W. 1	Sprinl'g	Rain	5	0.20	6th. Appearances of storm in the evening.
8	29.63	29.57	29.68	31	38	31	33.3	N. W. 2	N. W. 3	N. W. 2	0	5	0		7th. Rain very moderate and light during most of the day. Wind came to N.W. from 7 to 8 P.M., and at 11 P. M. quite clear.
9	29.64	29.51	29.53	30	34	28	30.7	N. W. 2	N. W. 3	N. W. 2	6	2	0		8th. Fine. Large eclipse of the moon: began at 6 h. 40 m. 15 s. P. M., mean solar time; ended at 9 h. 40 m. 20 s. P. M.; duration, 3 h. 5 s. Clear.
10	29.47	29.37	29.41	24	35	29	29.3	N. W. 2	N. W. 3	N. W. 1	0	0	0		
S 11	29.51	29.40	29.50	26	39	32	32.3	N. W. 1	N. W. 2	N. W. 1	0	0	0		9th and 10th. Very fine.
12	29.59	29.69	29.74	26	44	39	36.3	N. W. 1	N. W. 2	N. W. 1	0	0	10		11th. Very fine; nearly without a cloud.
13	29.72	29.75	29.80	33	50	41	41.3	W'ly 1	S. W. 2	S. W. 1	3	4	3		12th. Fine. Appearances of rain in evening.
14	29.96	30.02	30.10	31	41	34	35.3	N. E. 1	S. E. 2	E'ly 2	10	10	10		13th. Haze in the evening.
15	30.04	29.98	29.73	33	41	35	36.3	E'ly 1	S. E'ly 2	E'ly 1	10	Misty	Rain	0.55	14th. Indications of storm.
16	29.70	29.69	29.71	34	46	32	37.3	N. 1	N. W. 1	N. W. 1	10	10	0		15th. Began to rain about 3 P. M., and rained rather briskly till 7 P. M., with wind light at E. S. E. nearly.
17	29.69	29.51	29.67	32	58	45	45.0	N. 1	S. W. 3	S. W. 1	0	2	10		16th Changeable. Thick fog at 6 P. M.
S 18	29.68	29.62	29.79	35	48	33	38.7	N. W. 1	N. W. 1	N. W. 2	5	10	0		17th. Very mild and spring-like.
19	29.91	30.00	30.08	27	38	30	31.7	N. W. 1	N. W. 3	N. W. 1	0	0	0		18th. Pleasant. Aurora in the evening, quite bright, but no streamers.
20	30.05	29.90	29.78	34	53	45	44.0	S. W. 2	S. W. 3	S. W. 3	0	5	Rain		19th. Very chilly to the feelings. Evening fine.
21	29.56	29.47	29.25	45	53	52	50.0	S'ly 4	S. W'ly 4	S. W'ly 2	Rain	Rain	Rain	} 3.12	20th. Began to sprinkle at 10 P. M.
22	29.50	29.83	30.14	34	43	31	39.3	N. W. 2	N. W. 2	N. W. 0	R'n, sn.	1	0		21st. Rained quite moderately in the morning; wind pretty heavy at about S. S. W. In the afternoon, the rain increased. In the evening, rain and wind both heavy. At 10 P. M., wind began to lull, and rain slackened. Barometer at 29.35, without any indications of rising.
23	30.31	30.31	30.26	25	43	34	34.0	N. E. 1	S'ly 2	S. E'ly 1	0	4	0		
24	30.22	30.09	30.12	34	51	45	43.3	S'ly 1	S'ly 2	S'ly 1	8	6	10		
S 25	30.02	29.92	29.77	42	50	46	46.0	S. E'ly 1	S. E'ly 2	S. E'ly 3	10	10	Misty		
26	29.77	29.76	29.77	38	37	33	36.0	N. E'ly 1	N. E'ly 1	N. E'ly 1	Rain	Rain	R'n, h'l		22d. At sunrise, therm. 34°, barom. 29.58 and rising. At 9 A. M., barom. 29.77. Day and evening very fine.
27	29.73	29.68	29.65	31	35	38	34.7	N. E'ly 2	N. E. 3	N. E. 3½	Misty	Rain	Misty		23d. Fine.
28	29.54	29.65	29.85	38	44	40	40.7	N. E. 3½	N. E. 2	N. E. 2	Rain	Misty	Misty	} 2.12	24th. Very mild.
29	29.85	29.83	29.80	41	47	43	43.7	N. E. 2	N. E. 2	N. E. 2	Misty	Rain	Misty		25th. Mist during the afternoon.
30	29.77	29.74	29.71	42	50	45	45.7	N. E. 2	N'ly 2	N. E'ly 1	Rain	10	10		26th. Rain and mist during the day; wind light at a little N. of E. Rain and hail in the evening.
31	29.69	29.60	29.66	45	62	45	50.7	N'ly 1	N. W. 1	N. W. 1	10	9	0		27th. At sunrise, the ground partly covered with snow. Heavy storm in the afternoon and evening. Amount of rain moderate.
Means	29.87	29.83	29.85	32.0	43.1	36.0	...	1.5	2.2	1.5	5.7	6.2	5.4	5.99	28th. Heavy rain in the morning.
									1.7			5.8			29th. Rain and mist, by turns, all day.
REDUCED TO SEA LEVEL.															30th. Occasional rain and mist. Between noon and 1 P. M., the sun was discernible, but showery in afternoon. In the evening, occasional glimpses of the stars were seen.
Max.	30.54	30.49	30.50	45	62	52	50.7								31st. Weather mild, and evening clear.
Min.	29.55	29.55	29.43	17	32	23	24.7	Prevailing winds from some point between—		Days.			Days.		
Mean	30.05	30.01	30.03												
Range	0.89	0.94	1.07	28	30	29	26.0	N. & E.		12	Clear		7		
								E. & S.		4	Variable		} 15		
Mean of month		30.030		...	...	...	37.0	S. & W.		5	Cloudy				
Extreme range		1.11		...	...	...	45.0	W. & N.		10	Rain or snow fell on		9		

April, 1849. New Moon, 22d. 6h. 46m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
S 1	29.69	29.66	29.81	39	46	32	39.0	N. W. 2	N. W. 2	N. W. 1	2	0	0		1st. Very pleasant.
2	29.75	29.72	29.83	31	43	34	36.0	N. W. 1	N. W. 2	N. W. 1	3	3	0		2d and 3d. Very fine.
3	29.88	29.80	29.81	31	61	49	47.0	W'ly 1	W'ly 1	W'ly 1	0	0	5		4th. Pleasant. Very thick haze and clouds in the evening. Wind S. E'ly, while the clouds passed from W'ly.
4	29.81	29.75	29.71	45	59	46	50.0	S. W. 1	S. E. 1	S. E'ly 1	8	8	10		5th. Occasional sprinkling and mist in morning. Cleared from 5 to 6 P. M., with wind at N. W.
5	29.62	29.48	29.72	46	55	45	48.7	S'ly 1	S. W. 2	N. W. 2	Foggy	Misty	0		6th. Pleasant.
6	29.84	30.01	30.00	37	55	44	45.3	N. W. 1	N. W. 1	N. W. 1	0	0	0		7th. Variable.
7	30.13	29.97	29.77	43	55	55	51.0	N. W. 1	S'ly 2	S'ly 1	2	2	4		8th. Pleasant.
S 8	29.76	29.78	29.96	54	61	45	53.3	N. W. 2	N. W. 2	N. W. 2	0	3	5		9th. Fine.
9	30.02	29.98	29.98	38	55	41	44.7	N'ly 1	N. E'ly 1	S'ly 1	0	0	0		10th. Sprinkling of rain in afternoon. Heavy shower in the evening.
10	29.93	29.80	29.58	39	47	44	43.3	S'ly 1	S'ly 2	S. E'ly 1	1	Rain	Rain	0.22	11th. Very fine.
11	29.50	29.53	29.71	41	53	41	45.0	N'ly 1	N. W. 2	N. W. 3	10	2	0		12th. Fine.
12	29.82	29.77	29.89	35	56	42	44.3	N. W. 2	N. W. 2	N. W. 1	0	0	0		13th. Sprinkling of rain from 6 to 7 P. M.
13	29.88	29.71	29.55	40	56	53	49.7	N. W. 2	S. E'ly 1	S. W'ly 1	10	10	10		14th. Very chilly and severe. Appearances of snow at 2 P. M. and towards sunset. Evening clear and cold.
14	29.49	29.46	29.57	44	44	26	38.0	N'ly 2	N. W. 2	N. W. 1	2	4	0		15th. The ground at sunrise was frozen more than an inch in depth. Wind through the day very cold and piercing.
S 15	29.52	29.39	29.42	24	35	28	29.0	N. W. 3	N. W. 3	N. W. 2	3	2	0		16th. Very cold and uncomfortable. From 1 to 2 P. M., wet clothes froze in the wind.
16	29.37	29.34	29.50	24	36	35	31.7	W'ly 2	W'ly 2	W'ly 1	2	10	10		17th. Pleasant.
17	29.59	29.54	29.56	32	52	38	40.7	W'ly 1	W'ly 1	S. W'ly 1	8	0	0		18th. Began to rain at about 8 P. M., with wind very fresh at N. E.
18	29.55	29.48	29.23	38	58	43	46.3	S. E. 1	S. E. 2	N. E. 3	2	10	Rain	1.05	19th. Flurry of snow from 8 to 9 A. M. Sprinkling of rain at 3 P. M. Very clear in evening.
19	29.17	29.15	29.37	36	55	36	42.3	S. W. 1	S. E'ly 1	N'ly 1	3	5	0		20th Brisk shower from 5 to 6 P. M. Clear at 10½ P. M. Saw the "Telescopic Comet" visible about 10° N. W. of Arcturus.
20	29.52	29.52	29.69	36	59	35	43.3	N. W. 1	W'ly 1	N. W. 1	0	2	Sh'r, 0	0.10	21st. Very fine. Saw the comet again.
21	29.76	29.81	29.90	32	48	38	39.3	N. W. 1	N. W. 1	N. W. 1	0	0	0		22d. Very damp. Very light showers in the afternoon.
S 22	29.93	29.87	29.89	40	46	40	42.0	N. W. 1	S. E. 1	S. E. 2	9	10	10, Sh'r		23d. Chilly wind, and appearance of storm in the evening.
23	29.99	29.99	29.80	38	54	42	44.7	N. W. 1	S. W. 1	S'ly 3	3	4	10		24th. Very fine. The comet barely discernible by the naked eye, when its position is previously known.
24	29.62	29.77	29.86	51	60	48	53.0	W'ly 2	W'ly 2	W'ly 1	10	5	1		25th. Very fine. Clear at 11 P. M.. The comet distinctly visible to the naked eye.
25	29.95	29.95	29.97	42	65	47	51.3	N. W. 1	W'ly 1	N. W. 1	2	5	0		26th. Pleasant.
26	29.96	30.01	30.16	47	63	42	50.7	N. W. 2	N. E. 2	N. E. 1	8	6	9		27th. Very fine. The comet again seen by the naked eye.
27	30.24	30.23	30.21	39	59	38	45.3	N. E. 2	N. E. 1	N. W. 1	9	3	1		28th. Shower in the afternoon.
28	30.09	29.85	29.68	38	56	54	49.3	E. 1	S. E. 2	S. E. 1	10	Foggy	Rain	0.25	29th. Very fine.
S 29	29.70	29.71	29.90	55	64	49	56.0	W'ly 1	N. W. 1	N. W. 1	10	2	0		30th. Pleasant.
30	30.10	30.10	29.91	39	55	45	46.3	N. E. 1	S. E. 2	S. E'ly 1	0	0	Hazy		
Means	29.77	29.74	29.78	39.1	50.4	41.8	...	1.4	1.6	1.3	4.2	4.2	5.0	1.62	
									1.4			4.5			
REDUCED TO SEA LEVEL.															
Max.	30.42	30.41	30.34	55	65	55	56.0								
Min.	29.35	29.33	29.41	24	35	32	29.0								
Mean	29.95	29.92	29.94												
Range	1.07	1.08	0.93	31	30	23	27.0								
Mean of month			29.937	...	...	...	43.7								
Extreme range			1.09	...	...	...	41.0								

Prevailing winds from some point between— Days.

N. & E.	3
E. & S.	6
S. & W.	6
W. & N.	15

	Days.
Clear	9
Variable, Cloudy	14
Rain fell on	7

May, 1849. New Moon, 22d. 2h. 28m. A. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.87	29.79	29.94	54	77	57	62.7	S. W. 1	S. W. 2	N. W. 1	10	4	5		1st. Pleasant.
2	30.10	30.13	30.21	44	56	44	48.0	N. W. 1	N. W. 1	N. W. 1	0	0	0		2d. Very fine. Comet visible in the telescope, in presence of the moon ten days' old; its motion very rapid.
3	30.35	30.23	30.15	39	62	48	49.7	N. W. 2	S'ly 2	S'ly 2	0	4	10		3d. Pleasant. Appearances of rain in evening.
4	29.92	29.77	29.84	50	76	62	62.7	W'ly 2	W'ly 1	W'ly 1	10	5	5		4th. Sprinkling of rain from 8 to 9 A. M., and from 5 to 6 P. M.
5	30.01	30.09	30.15	48	49	44	47.0	N. E. 2	N. E. 2	E'ly 1	Rain	Rain	10	0.25	5th. Very moderate. Rain during most of day.
S 6	30.14	30.08	29.99	44	55	41	46.7	N. E. 1	N. E. 2	E'ly 1	10	Sh'r, 10	Sprin'lg		6th. Sprinkling of rain at intervals through day.
7	29.93	29.81	29.84	41	66	48	51.7	N. E. 1	S. E'ly 2	S'ly 2	10	8	10		7th. Cool morning.
8	29.77	29.73	29.70	47	59	47	51.0	S. W'ly 1	S. W. 1	S. E'ly 2	10	10	10		8th. Raw and cold for the season.
9	29.70	29.78	29.87	44	50	44	46.0	N. E. 1	N. E. 1	N. E. 1	Misty	Rain	7	0.23	9th. Mist and drizzle most of the day. Partly clear at 10 P. M.
10	29.88	29.82	29.80	46	64	45	51.7	N. E. 1	S. W'ly 1	S'ly 1	8	5	2		10th. Pleasant.
11	29.76	29.68	29.72	41	61	40	47.3	N. E. 1	N. E. 1	N. E. 1	Misty	5	0		11th. Variable day. Very clear evening.
12	29.76	29.73	29.76	40	66	47	47.7	N.N.E. 1	N.W'ly 1	N. W. 1	0	7	0		12th. Ther. fell to 38° last night. Pleasant day.
S 13	29.76	29.65	29.42	51	53	53	52.3	S. W. 1	S. W. 1	S. W'ly 3	8	Rain	Rain	1.50	Aurora from 10 to 11 P. M., low and quite bright, without coruscations.
14	29.25	29.24	29.29	50	63	48	53.7	N. W. 2	S. W. 2	N. E. 1	4	10	0		13th. Began to rain moderately about 11 A. M.; continued through P. M.—sometimes briskly.
15	29.36	29.45	29.60	48	59	47	51.3	N. W. 1	N. W. 2	N. W. 1	8	6	0	0.35	14th. At 3 P. M., there was a shower of hail, which continued not more than 4 or 5 minutes, but in that time the quantity which fell was very extraordinary. In the space of one minute from the commencement, the ground was white with it, and at the end of the shower it might be scraped up anywhere in the garden by the handful. The hailstones were not ice, but compact balls of snow, flattened on one, two, or three, and sometimes four, sides, so as to present a somewhat angular appearance. Very many of the balls were ⅜ of an inch, while some were very nearly ½ inch, in diameter. All that I particularly examined, which was a large number, were so soft as to be crushed between the fingers, or have their form changed. In the largest-sized balls, I observed that they were softer in the centre than at the surface. These large balls were intermixed with many smaller ones of different structure, and evidently formed under different circumstances, many of them being light, soft balls of snow. When wet by the rain which followed, they were all readily formed into massive snow-balls. The hail was very restricted in its extent in one direction—that is, from north to south. In the southerly part of the city, there was none at all. In Charlesfield Street, less than a quarter of a mile south of this spot, none was observed. It extended in a northerly direction about two miles, and easterly, so far as I can learn, about seven miles. It came from a distance at the west. It has been reported from New Haven.
16	29.69	29.72	29.83	45	65	48	52.7	N. W. 2	N. W. 2	S. E'ly 1	0	6	1		
17	29.86	29.86	29.92	45	68	51	54.7	N. W. 1	S'ly 2	S. W. 1	0	3	2		
18	29.88	29.85	29.85	48	70	50	59.3	N. E. 1	N. E. 2	N. E. 1	6	4	0		
19	29.86	29.84	29.93	50	71	54	58.3	N. W. 1	N. W. 1	N. W. 1	0	1	0		
S 20	29.97	29.91	29.87	54	76	58	62.7	N. W. 1	S. W. 3	S. W. 3	0	3	5		
21	29.85	29.73	29.89	57	82	48	62.3	S. W. 2	S. W. 2	N. W. 3	3	4	2		
22	29.90	29.81	29.67	50	72	59	60.3	N. E. 1	N. E. 1	S. W. 2	10	8	5		
23	29.50	29.40	29.49	59	79	64	67.3	S. W. 2	S. E'ly 2	W'ly 2	5	6	8, Sh'r	0.05	
24	29.70	29.79	29.91	50	51	44	48.3	N. E. 2	N. E. 2	N. E. 2	Misty	10	10		
25	29.94	29.91	29.83	42	49	44	45.0	N. E. 1	N. E.	N. E. 1	Rain	Rain	10	0.34	
26	29.89	29.87	29.89	45	65	50	53.3	N. E. 1	N'ly 2	N. W. 1	10	3	0		
S 27	29.89	29.88	29.90	52	75	57	61.3	W'ly 1	S. W. 1	S. W. 1	4	8	9		
28	29.93	29.95	30.00	49	73	55	59.0	N. E. 1	S. E. 2	S'ly 2	0	4	8		
29	30.04	30.02	30.05	52	72	53	59.0	N. E. 2	N. E. 2	N. E. 3	Rain	10	10		
30	30.03	29.98	29.99	53	61	52	55.3	N. E. 2	N. E. 1	N. E. 2	Misty	Misty	Misty		
31	29.96	29.92	29.89	51	53	51	51.7	N. E. 1	N. E. 1	N. E. 1	Misty	Rain	10	0.71	
Means	29.85	29.82	29.84	48.0	64.5	50.1	...	1.3	1.6	1.5	6.3	6.6	5.5	3.43	
									1.5			6.1			
REDUCED TO SEA LEVEL.															
Max.	30.53	30.41	30.39	59	82	64	67.3								
Min.	29.43	29.42	29.47	39	49	40	45.0								
Mean	30.03	30.00	30.02												
Range	1.10	0.99	0.92	20	33	24	22.3								
Mean of month			30.017	...	...	...	54.2								
Extreme range			1.11	...	...	...	43.0								

Prevailing winds from some point between— Days.

N. & E.	11
E. & S.	3
S. & W.	11
W. & N.	6

	Days.
Clear	3
Variable, Cloudy	22
Rain fell on	6

June, 1849. New Moon, 20d. 9h. 10m. A. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.86	29.86	29.96	53	71	56	60.0	N. W. 2	N. E. 2	N. E. 2	7	5	10		1st. Pleasant.
2	29.96	29.89	29.85	57	69	60	62.0	S. E. 1	S'ly 2	S'ly 2	9	2	10		2d. Air raw at night.
S 3	29.82	29.72	29.72	64	72	64	66.7	N. E. 1	S. E. 1	S'ly 1	Foggy	10	Foggy		3d. Foggy. Light shower from noon to 1 P. M.
4	29.65	29.53	29.58	63	78	65	68.7	S'ly 1	S'ly 1	N. W. 1	Foggy	1	Sh'r, 5	0.37	4th. Copious thundershower from 6½ to 8 P. M.
5	29.69	29.71	29.78	55	70	59	61.3	N. W. 2	N. W. 3	N. W. 1	0	1	0		5th, 6th, and 7th. Very fine.
6	29.85	29.75	29.75	54	77	58	63.0	N. W. 1	N. W. 2	N. W. 1	0	0	3		8th. Light rain, with mist, from 10 A. M. to 3 P. M.
7	29.75	29.64	29.59	55	74	61	63.3	N. W. 1	S'ly 2	S. W. 1	3	5	5		9th. Pleasant.
8	29.52	29.54	29.61	61	54	48	54.3	S. W. 1	N. E. 2	N'ly 1	8	Rain	2		10th. Sun out occasionally in the afternoon.
9	29.68	29.68	29.71	51	73	58	60.7	N. W. 1	S. E'ly 2	S'ly 1	3	4	10	0.08	11th. Pleasant, but cool.
S 10	29.72	29.81	29.92	59	69	52	60.0	E'ly 2	E'ly 1	N. E. 2	10	9	2		12th. Fine.
11	30.06	30.08	30.12	48	69	51	56.0	N. E. 1	N. E. 2	N. E. 1	3	2	0		13th. Pleasant.
12	30.14	30.16	30.16	47	70	54	57.0	N'ly 1	N. E. 2	N. E. 1	0	0	Hazy		14th. Pleasant. Evening clear and very mild.
13	30.16	30.08	30.08	49	76	59	61.3	N. W. 2	S. W. 2	S'ly 2	3	2	10		15th. Appearances of rain. Light mist at 3 P. M.
14	30.08	30.04	30.01	57	78	61	65.3	S. W. 2	S. W. 3	S'ly 1	5	5	0		16th. Morning very sultry. Heavy thundershower in the afternoon.
15	29.94	29.84	29.75	60	75	64	66.3	S. W. 2	S. W.	S'ly	7	...	0		17th. Very fine.
16	29.73	29.65	29.76	63	76	68	69.0	S'ly 2	S. W. 2	N. W. 1	5	10	0	0.46	18th. Very hot sun.
S 17	29.95	30.00	30.02	66	81	62	69.7	N. W. 1	E'ly 3	S. E. 1	0	5	0		19th. Intensely hot.
18	30.08	30.06	30.06	62	82	69	71.0	N. W. 2	S'ly 2	S. W. 2	0	5	2		20th. Intensely hot. Air fresh in the evening from S'ly.
19	30.01	29.92	29.91	67	90	73	76.7	S. W. 2	W'ly 3	S. W. 1	0	2	0		21st. Heat extreme.
20	29.87	29.83	29.82	71	92	73	78.7	W'ly 1	N. W. 2	S. E'ly 1	3	2	0		22d. Heat unabated.
21	29.87	29.84	29.83	75	97	76	82.7	N. W. 1	N. W. 1	S'ly 1	0	0	0		23d. Very warm, but a good air. Dashes of rain, with thunder, at 9 A. M.
22	29.83	29.79	29.74	75	97	79	83.7	N. W. 1	N. W. 2	S'ly 1	0	2	0		24th. Rather cooler. Showery in the evening so as to lay the dust.
23	29.72	29.65	29.66	76	94	73	81.0	N. W. 1	N. W. 2	N. W. 1	3	5	0		25th. Fine.
S 24	29.69	29.64	29.54	70	86	72	76.0	N. W. 1	S. 3	S. E'ly 2	8	5	Rain	0.07	26th. A beautiful meteor was seen at 15 to 20 minutes past 8 P. M., passing the meridian plane 10° or 12° below Polaris, making with it a small angle, the meteor passing from the east to the west side. The light was very brilliant, being white tinged with blue. When it burst, it separated into several reddish fragments. Its course was seen through about 10° of the great circle. It was seen by several persons. The daylight was still strong. It very much resembled a brilliant rocket.
25	29.51	29.51	29.60	68	85	69	74.0	W. 1	N. W. 2	N. W. 1	0	0	0		27th. Pleasant.
26	29.62	29.58	29.72	66	87	68	73.7	N. W. 2	N. W. 2	N. W. 2	0	1	0		28th. Sprinkling of rain; little more than enough to lay the dust.
27	29.75	29.72	29.73	60	85	72	72.3	N. W. 1	N. W. 2	N. W. 1	3	2	5		29th. Rain and damp. Kindled a fire to make the house comfortable.
28	29.78	29.80	29.76	61	66	60	62.3	N. E. 1	N. E. 1	N. E. 1	5	Rain	10	} 0.25	
29	29.60	29.58	29.66	57	61	56	58.0	N. E. 1	N'ly 2	N'ly 2	Rain	10	9		
30	29.70	29.62	29.56	55	85	68	69.3	N. W. 1	W'ly 3	S. W. 2	10	5	0		
Means	29.82	29.78	29.80	60.8	78.0	63.6	...	1.3	2.0	1.3	4.2	4.1	3.4	1.23	
								1.5			3.9				
REDUCED TO SEA LEVEL.															
Max.	30.34	30.34	30.34	76	97	79	83.7								
Min.	29.69	29.69	29.72	47	54	48	54.3								
Mean	30.00	29.96	29.98												
Range	0.65	0.65	0.62	29	43	31	29.4								
Mean of month			29.980	...	...	...	67.5								
Extreme range			0.65	...	...	...	50.0								

Prevailing winds from some point between— Days.
N. & E. 8
E. & S. 5
S. & W. 8
W. & N. 9

Days.
Clear 13
Variable . . . } 9
Cloudy . . . }
Rain fell on . . 8

July, 1849. New Moon, 19d. 4h. 7m. P. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
S 1	29.57	29.57	29.67	67	76	60	67.3	N. W. 2	N. W. 3	N. W. 1	0	2	0		1st. Very fine.
2	29.72	29.76	29.85	53	69	56	59.3	N. E. 2	N. E. 3	N. W. 1	2	10, Sh'r	7	0.20	2d. Shower of rain and hail at 3 P. M.
3	29.90	29.95	30.01	51	69	56	58.7	N. 2	N'ly 2	N'ly 1	0	8, Sh'r	0		3d. Damp and unpleasant; showery. Evening beautifully clear.
4	30.05	...	30.03	52	...	56	54.0	N'ly 1	...	N'ly 1	9	...	10		4th. Very pleasant.
5	29.99	29.96	29.96	59	68	62	63.0	N. E. 1	E'ly 2	N. E. 1	Rain	10	Misty		5th. Cool for the season. Mist at intervals.
6	29.95	29.93	29.96	61	81	65	69.0	N'ly 1	N. W. 2	W'ly 2	10	4	5		6th. Fine.
7	29.96	29.93	29.93	65	84	68	72.3	S. W. 2	S. W. 2	S. W. 2	10	10, Sh'r	8	0.32	7th. Showery in the afternoon and evening; amount of rain small.
S 8	29.90	29.90	30.01	72	84	70	75.3	S. W. 1	S. W. 2	S. W. 1	8	5	10		8th. Thunder, with appearances of rain, in the afternoon
9	29.93	29.95	29.98	67	81	69	72.3	N. E. 1	E'ly 2	E'ly 2	Foggy	6	Misty		9th. Air very damp. Sprinkling of rain several times, so as to wet the surface of the ground.
10	29.99	29.96	29.96	70	84	70	74.7	S'ly 2	S. W. 2	S. W. 2	Foggy	5	0		10th. Very sultry and damp. Evening clear.
11	30.00	29.95	29.99	72	91	78	80.3	W'ly 1	W'ly 2	W'ly 1	5	0	0		11th. Very hot, and air damp.
12	29.99	29.92	29.85	75	94	80	83.0	W'ly 2	W'ly 3	W'ly 1	0	0	0		12th. Heat very intense; breeze fresh. This night the hottest so far.
13	29.82	29.74	29.66	80	97	82	86.3	W'ly 2	N. W. 3	W'ly 1	0	0	0		13th. At 8 A. M., the thermometer in the shade, with a fresh current of air, stood at 86°; at 10 A. M., 90°; at 1 P M., 97°; and at 3½ P. M., at 100° in the shade, but somewhat affected by local reflection.
14	29.62	29.64	29.84	79	81	64	74.0	W'ly 1	N. W. 2	N. E. 2	0	10	2		14th. Warm in the morning. Light shower at 2¼ P. M.; wind came to N. E., and air became much cooler.
S 15	29.95	29.94	30.01	56	74	60	63.3	N. E. 2	N. E. 3	N'ly 2	0	2	0		Dew-point—
16	30.03	...	29.91	56	...	65	60.5	N. W. 2	...	N. W. 1	0	...	10		15th. 7 A. M. 43°; 2 P. M. 42°.
17	29.86	29.84	29.87	59	86	68	71.0	W'ly 1	W'ly 3	S. W. 1	2	1	0		16th. 7 " 45; 2 " 45; 9 to 10 P.M., cl'dy.
18	29.91	29.90	29.95	66	85	67	72.7	S. W. 2	S. W. 3	S. W. 1	2	0	0		17th. 7 " 52; 1 " 46.
19	29.97	29.94	29.95	69	83	69	73.7	S. W. 1	S. E. 3	S'ly 2	7	0	0		18th. 7 " 59; 1 " 56; 7 P. M. 56°.
20	29.94	29.84	29.79	69	90	74	77.7	S. W. 1	S. W. 3	S. W. 2	8	0	3		19th. 7 " 62; 1 " 64; 10 " 65.
21	29.61	29.52	29.56	74	77	68	73.0	S. W. 3	S. W. 2	S. W. 2	Rain	10	Rain	1.18	20th. 7 " 65; 1 " 59; 7 " 65.
S 22	29.63	29.69	29.83	67	84	69	73.3	N. W. 1	N. W. 2	N. W. 1	6	2	0		21st. 7 " 68; 1 " 68; 10 " 65.
23	29.89	29.93	30.02	62	82	65	69.7	N. by E. 2	S'ly 2	N. E'ly 1	4	1	0		Heavy shower, with thunder, in the evening.
24	30.08	30.06	30.07	63	83	65	70.3	E'ly 1	E'ly 2	S'ly 1	Foggy	0	0		22d. 7 A. M. 60°; 1 P. M. 54°; 10 P. M. 54°.
25	30.10	30.00	29.97	63	83	69	71.7	E'ly 1	E'ly 2	E'ly 1	3	3	10		23d. 7 " 54; 1 " 60; 7 " 62.
26	29.91	29.80	29.76	65	81	74	73.3	S. E. 2	S. W. 3	S'ly 1	10	Misty	Rain		24th. 7 " 60; 1 " 60.
27	29.74	29.74	29.80	70	87	69	75.3	N. W. 2	N. W. 3	N. W. 2	0	2	2		25th. 7 " 58; 1 " 59; 7 " 62.
28	29.88	29.85	29.83	65	82	62	69.7	N. W. 1	E'ly 1	E'ly 1	4	10	0		26th. 7 " 63; 1 " ..; 7 " 69.
S 29	29.86	29.83	29.83	63	81	66	70.0	N'ly 1	S'ly 2	S'ly	4	0	0		Began to rain at 10 P. M.
30	29.84	29.81	29.83	63	83	71	72.3	S. W. 2	S'ly 3	S. W. 2	2	2	0		27th. 7 " 59; 1 " 61. Evening fine.
31	29.77	29.74	29.79	74	87	72	77.7	S. W. 2	S. W. 3	N. W. 2	10	3	Rain	0.30	28th. 7 " 53; 1 " 53. Evening fine.
Means	29.88	29.85	29.89	65.4	82.3	67.4	...	2.2	2.5	1.4	5.0	4.0	3.8	2.00	29th. 7 " 53; 1 " 57; 7 P. M. 62°.
								2.0			4.3				30th. 7 " 62; 1 " 69. Evening fine.
REDUCED TO SEA LEVEL.															31st. 7 " 69; 1 " 72. Sh'r at 4 P. M.
Max.	30.28	30.24	30.25	80	97	82	86.3								
Min.	29.75	29.70	29.74	51	68	56	54.0								
Mean	30.06	30.03	30.07												
Range	0.53	0.54	0.51	29	29	26	32.3								
Mean of month			30.053	...	...	...	71.7								
Extreme range			0.58	...	...	...	46.0								

Prevailing winds from some point between— Days.
N. & E. 8
E. & S. 3
S. & W. 10
W. & N. 10

Days.
Clear 12
Variable . . . } 12
Cloudy . . . }
Rain fell on . . 7

Note.—The 13th of this month was the hottest day since the beginning of my Register in December, 1831. The mean of four observations—viz., at 6 A. M., 1 P. M., 3½ P. M., and 10 P. M.—is 90°.

August, 1849. New Moon, 18d. 0h. 24m. A. M.

DAYS.	BAROMETER, reduced to 32° F At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.88	29.89	29.89	60	69	59	62.7	N. E. 2	N. E. 1	N. E.	Rain	10	0	0.20	1st. Evening very fine and mild.
2	29.96	29.94	29.98	59	80	62	67.0	E'ly 1	N. E. 1	0	4	2	0		2d. Very fine. Evening perfectly calm and cloudless.
3	30.00	29.96	29·94	59	80	63	67.3	0	S. byE. 2	N. W. 1	0	0	0		3d. Very fine. At 9 P. M., wind very light from N. W.
4	29.89	29.83	29.84	60	80	66	68.7	W'ly 1	S. E'ly 2	S'ly 1	0	1	Rain	0.20	4th. Began to rain from 9½ to 10 P. M., with lightning in the west.
S 5	29.84	29.85	29.87	64	83	67	71.3	N. W. 1	N. W. 1	S. E'ly	1	3	5		5th Wind came to S. S. E. from 3 to 4 P. M.
6	29.83	29.77	29.73	69	76	71	72.0	S. E. 1	S'ly 1	S. W. 2	10	Rain	Shower		6th. Light showers through the day and evening.
7	29.71	29.71	29.76	67	82	67	72.0	W'ly 1	N. W. 2	N. W. 1	4	3	0		7th. Evening very clear, and refreshingly cool.
8	29.84	29.78	29.83	64	81	67	70.7	N. W. 1	N. W. 2	S. W. 1	0	3	0		8th. Very fine.
9	29.84	29.77	29.76	64	77	68	69.7	S. W. 1	S. S. E. 3	S'ly 2	Foggy	2	10		9th. Air very damp in the evening, with indications of rain.
10	29.67	29.67	29.79	72	72	69	71.0	S. E. 3	S. E. 2	S. E. 1	10	Rain	10	1.80	
11	29.69	29.71	29.75	67	80	71	72.7	S. E. 1	N. E. 1	E'ly 1	Sh'r, 10	8	2		10th. Began to rain about 9 A. M., and rained nearly all day.
S 12	29.77	29.80	29.77	70	74	64	69.3	E. 1	N. E. 3	N. 2	8	10	Rain, 9	0.56	11th. Very heavy showers, with thunder, at 1 and 3 A. M. Amount of rain at 1 P. M., 1.8 inch.
13	29.76	29.78	29.74	64	77	70	70.3	W. 1	S. 3	S. 0	3	2	0		12th. Began to rain at 2¼ P. M., and rained steadily but moderately till 7½ P. M.
14	29.66	29.56	29.50	67	76	68	70.3	S. E. 1	S. E. 4	S. W. 2	9	5	8	0.17	13th. Foggy this morning till 9 A. M.
15	29.45	29.48	29.59	63	76	63	67.3	N. W. 2	N. W. 5	N. W. 1	0	3	0		14th. Light showers after 4 P. M. till 7 P. M.
16	29.64	29.68	29.74	56	78	68	67.3	N. W. 3	N. 1	W. 0	0	0	0		15th. Clear morning.
17	29.78	29.81	29.84	62	82	73	69.0	W. 1	S'ly 4	S. W. 1	4	3	1		16th, 17th, and 18th. Pleasant.
18	29.84	29.87	29.88	70	77	72	73.0	S. W. 1	S. 3	Calm	9	2	0		19th. At 6 A. M., wind from north; low, scudding fog-clouds coming from that direction; higher up, a few clouds passing from the east; still higher, a few clouds passing from the west. At 7 A. M., the thermometer rose to 64°. At 1 P. M., light showers.
S 19	29.88	29.87	29.87	62	78	71	70.3	N. 2	N. E. 2	E'ly 1	2	5	0	0.20	
20	29.89	29.89	29.87	66	77	68	70.3	N. E. 2	E. 2	E. 1	10	6	0		20th. Cloudy and foggy at 6 A. M. Cleared off about 10 A. M. Cloudy again at noon.
21	29.86	29.81	29.77	64	75	70	69.7	S. W. 1	S. E. 4	S. W. 1	3	5	1		21st. At 6 A. M., clouds from S. W.
22	29.80	29.79	29.77	70	80	73	74.3	N. W. 1	N. W. 5	N. W. 0	3	5	1		23d. Began to rain very moderately in the morning, and continued till 1 P. M. Light showers in the afternoon and evening.
23	29.73	29.64	29.52	68	71	66	68.3	W. 1	S. E. 1	N. E. 4	10	10	10, Sh'r	0.26	24th. Pleasant.
24	29.69	29.75	29.81	64	78	64	68.7	N. 4	N. E. 4	N. W. 1	9	1	0		25th. Very clear day.
25	29.83	29.85	29.86	60	82	70	70.7	N. W. 1	N. W. 2	N. W. 2	0	0	0		26th. Very clear.
S 26	29.91	29.93	29.96	65	84	70	73.0	W. 1	S. W. 3	S. W. 1	0	0	0		27th. Fog-clouds in the morning.
27	29.97	29.95	29.98	66	83	70	72.0	S. W. 2	S. W. 3	S. W. 1	3	1	0		28th. Sultry, with some appearances of rain.
28	29.97	29.96	29.99	70	82	...	76.0	S. W. 1	S. W. 2	S. W. 1	5	10	10		29th. Warm and sultry.
29	30.00	29.97	29.98	72	81	70	74.3	S. W. 1	S. W. 2	S'ly 1	10	10	6		30th. Clear the larger part of the day, and air pleasant.
30	29.98	29.92	29.91	69	82	68	73.0	S. W'ly 1	S. W. 2	S. W. 1	10	1	10		31st. Some mist in the evening.
31	29.84	29.72	29.71	70	83	72	75.0	S. W. 2	S'ly 2	S. W. 1	10	8	10		
Means	29.82	29.80	29.81	65.3	78.6	68.0	...	1.4	2.4	1.2	5.4	4.4	3.7	3.39	
								1.7			4.5				
REDUCED TO SEA LEVEL.															
Max.	30.18	30.15	30.17	72	84	73	76.0								
Min.	29.63	29.66	29.68	56	69	59	62.7								
Mean	30.00	29.98	29.99												
Range	0.55	0.49	0.45	16	15	14	13.3								
Mean of month			29.990	...	...	...	70.6								
Extreme range			0.55	...	...	...	28.0								

Prevailing winds from some point between— Days.
N. & E. 3
E. & S. 10
S. & W. 10
W. & N. 8

Days.
Clear 10
Variable . . . } 13
Cloudy . . . }
Rain fell on . . 8

Note.—In the morning, the mean dew-point has been 4°.4 below the mean temperature; and at 1 P. M., 16°.4 below.

September, 1849. New Moon, 16d. 10h. 54m. A. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.74	29.74	29.76	53	66	56	58.3	N. E. 2	N. E. 2	N. E. 1	Rain	9	2	0.78	1st. Fine rain in the morning. Evening clear and fine.
S 2	29.89	29.96	29.97	52	66	53	57.0	N.byW 1	N. W. 2	N. W. 2	0	0	0		2d. Very clear. Scarcely a cloud during the day.
3	30.10	30.11	30.16	46	70	52	56.0	N.byW 1	N. W. 1	S. W. 1	0	0	0		3d. At sunrise, thermometer 44°. Day very fine.
4	30.16	30.11	30.11	50	69	60	59.7	S. W. 1	S. W. 3	S. W. 1	0	5	10		4th. Very fine.
5	30.07	30.01	29.94	62	79	64	68.3	S. W. 1	S. W.	S. W. 1	Rain	...	0	1.00	5th. Rain in the morning. Pleasant in the afternoon.
6	29.85	29.80	29.64	60	79	69	69.3	S. W. 2	S. E. 3	S. E. 2	2	6	Rain		6th. Began to rain moderately at 8 P. M.
7	29.56	29.63	29.84	71	82	58	70.3	S. W. 2	S. W. 2	N. W. 1	10	9	Sh'r, 0		7th. Light showers at 3 P. M.
8	29.94	29.94	29.93	50	66	54	56.7	N.byW 2	N. W. 2	N. W. 1	0	0	0		8th to 11th. Very fine.
S 9	30.01	30.06	30.14	50	66	56	57.3	N. W. 2	N'ly 2	N. W. 1	0	0	0		12th Very fine. Faint aurora at 10 P. M.; low faint streamers.
10	30.20	30.19	30.20	49	70	56	58.3	N. W. 1	N. E. 1	N. E. 1	0	0	0		13th. Very fine.
11	30.23	30.21	30.24	52	70	57	59.7	N.byE. 2	N. E. 2	N. E. 1	0	3	0		14th. At 7 A. M, the thermometer stood at 61°, while the dew-point was 60°.
12	30.22	30.14	30.10	51	71	57	59.7	N. E'ly 1	S. E. 2	N. E. 1	2	0	0		15th. Wind came to S. W. early in the morning Light showers at 2 P. M. Evening very clear, with wind at N. W.
13	30.08	30.03	30.08	57	76	60	64.3	S. E'ly 1	S. E'ly 1	S'ly 1	0	0	0		16th. Air damp and rather raw. Clouds prevailed.
14	30.14	30.12	30.09	57	72	64	64.3	N. E. 1	N. E. 1	S. E'ly 1	10, Fog	4	10		17th. Very damp and sultry. Sprinkling of rain at 2 h. 45 m. P. M.
15	29.93	29.82	29.96	59	72	63	64.7	S. by E. 1	S. W. 2	N. W. 2	9	10, Sh'r	0		18th. Very fine. Aurora in the evening, with faint streamers.
S 16	29.96	29.86	29.81	60	74	65	66.3	N. E. 1	S. W. 2	S. W. 1	6	10	0		19th. Very fine.
17	29.68	29.67	29.68	65	72	67	68.0	S. W. 2	S. W. 2	S. W. 1	3	10	Sh'r, 0		20th. Evening very clear.
18	29.79	29.79	29.97	61	71	53	61.7	N. W. 1	N. W. 2	N. W. 2	0	1	0		21st. Clouds prevailed through the day. Evening clear.
19	30.10	30 09	30.10	48	60	48	52.0	N. W. 1	N. W. 1	N. W. 1	0	1	1		22d. Began to rain at 10½ P. M.
20	30.06	30.00	29.93	48	64	50	54.0	N. E. 1	E'ly 1	N. E. 1	10	2	0		23d. Showery in the morning. Evening very clear.
21	29.87	29.87	29.88	50	65	52	55.7	N. E. 1	N. E. 3	N. E. 1	5	6	0		24th and 25th. Very fine.
22	29.81	29.69	29.53	51	71	59	60.3	N. E. 2	S. E. 2	S. E. 1	10	9	Rain		26th. Appearances of rain in evening. Heavy shower from 10½ to 11 P. M.
S 23	29.32	29.29	29.38	63	71	51	61.7	S. W. 1	W'ly 3	W'ly 3	Rain	5	0	0.25	27th. Fine. Evening very clear.
24	29.41	29.44	29.51	48	70	49	55.7	W'ly 2	W'ly 3	W'ly 1	0	2	0		28th. Fine.
25	29.60	29.57	29.57	50	73	59	60.7	W'ly 1	W'ly 2	S. W. 2	0	2	0		29th. Pleasant.
26	29.46	29.40	29.49	59	76	59	61.3	S. W. 2	S. W. 3	W'ly 3	2	2	Sh'r, 10	0.65	30th. Began to rain moderately at 7 P. M. Rain during the night equal to .46 inch.
27	29.66	29.66	29.81	51	61	46	52.7	N. W. 1	N. W. 3	N. W. 1	9	2	0		
28	29.79	29.73	29.78	46	72	62	60.0	N. W. 1	S. W. 2	S. W. 1	0	0	0		
29	29.80	29.71	29.64	55	72	60	62.3	S. W. 1	...	E'ly 1	6	...	8		
S 30	29.67	29.64	29.55	53	57	53	54.3	N. E. 1	N. E. 1	N. E. 1	9	10	Rain	0.46	
Means	29.87	29.84	29.86	54.2	70.1	57.1	...	1.3	2.0	1.3	3.1	3.5	2.7	3.14	
								1.5			3.2				
REDUCED TO SEA LEVEL.															
Max.	30.41	30.39	30.42	71	82	69	70.3								
Min.	29.50	29.47	29.56	46	60	46	52.0								
Mean	30.05	30.02	30.04												
Range	0.91	0.92	0.86	25	22	23	18.3								
Mean of month			30.037	...	...	...	60.5								
Extreme range			0.95	...	...	...	36.0								

Prevailing winds from some point between— Days.
N. & E. 8
E. & S. 3
S. & W. 11
W. & N. 8

Days.
Clear 13
Variable . . . } 7
Cloudy . . . }
Rain fell on . . 10

October, 1849. New Moon, 16d. 0h. 10m. A. M.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.46	29.38	29.53	51	52	44	49.0	N. E. 2	N. E. 3	N'ly 3	Rain	Rain	10	0.90	1st. Steady rain through the day.
2	29.61	29.73	29.83	40	55	48	47.7	N. W. 2	N. W. 2	N. E'ly 1	2	4	9		2d. Thermometer 38° at sunrise. At 10 P. M., wind N. E., while the clouds were passing from the west.
3	29.88	29.84	29.88	45	59	47	50.3	N. E. 1	N. E. 1	N. E. 1	5	2	0		
4	29.80	29.69	29.71	45	54	51	50.0	N. E. 1	N. E. 1	N'ly 1	10	Rain	Rain	0.50	3d. Clouds prevailed through the day. Clear evening.
5	29.76	29.76	29.83	48	56	51	51.7	N. E. 1	N. E. 1	N. E. 1	Rain	10	10		4th. Began to rain moderately at 8 A. M. Rainy through the day.
6	29.83	29.72	29.57	46	55	49	50.0	N. E. 1	N. E. 1	N. E. 2	10	Rain	Rain	2.75	5th. Moderate rain at intervals in the morning.
S 7	29.19	29.09	29.26	49	51	49	49.7	N. E. 3	N. E. 3	N. E. 2	Rain	10	Rain		6th. Began to rain moderately at 5 P. M. Steady rain continued. From 11 P. M. to 1 or 2 in the morning, rain and wind very heavy.
8	29.56	29.66	29.85	42	50	47	46.3	N.W'ly 1	N. W. 1	N. W. 1	10	10	10		
9	29.91	29.92	29.91	41	54	50	48.3	...	N. W. 1	N. E. 1	...	10	10		7th. Heavy rain, with thunder, from 7 to 8 A. M. Moderate rain at intervals during the day.
10	29.86	29.76	29.63	48	54	53	51.7	N. E. 2	N. E. 1	N. E. 1	10	Rain	Rain	0.75	
11	29.35	29.19	29.21	55	57	46	52.7	S. E. 1	S. W. 3	W'ly 3	Rain	9	8		8th. Clouds thin, but no sun. Appearances of storm in the evening.
12	29.45	29.48	29.62	46	61	50	52.3	W'ly 2	W'ly 2	W'ly 1	5	5	5		9th. Clouds thin, but no sun.
13	29.66	29.64	29.77	44	57	45	48.7	N. W. 2	N. E. 2	N. E. 2	2	3	0		10th. Mist and rain in afternoon and evening.
S 14	29.92	29.99	30.10	38	49	40	42.3	N.byE. 2	N. E. 2	N. E. 1	0	0	0		11th. Evening very blustering.
15	30.16	30.09	30.08	35	55	45	45.0	N.byW 1	S. E'ly 2	S. E'ly	0	2	2		12th. Mild, with many clouds.
16	30.08	30.01	30.06	45	62	54	53.7	S'ly 2	S'ly 3	S'ly 2	4	2	9		13th. Very clear evening, with slight show of the aurora quite low down in the north.
17	30.00	29.94	29.93	55	67	60	60.7	S'ly 1	S'ly 2	S'ly 1	Foggy	10	10		14th. Very cool. Aurora late in the evening.
18	29.99	29.99	30.03	57	60	52	56.3	N. W. 1	N. W. 2	N. W. 1	9	10	10		15th. First white frost in the College yard—quite copious. Thermometer in the garden 33°.
19	30.09	30.05	30.06	48	59	48	51.7	N. E. 1	N. E. 1	N. E. 1	9, Sh'r	10	6		16th. Mild.
20	30.09	30.04	30.07	40	56	44	46.7	N. E. 1	N. E. 1	N. E. 1	2	0	0		17th. Sun out at intervals. Stars appeared occasionally in the evening, but were, for the most part, concealed by clouds.
S 21	30.08	30.01	29.85	41	59	60	53.3	N'ly 1	E'ly 1	S. E. 1	10	8	Rain	0.50	
22	29.44	29.33	29.33	63	66	62	63.7	S'ly 1	S. W. 2	S. W'ly 2	Misty	Misty	2		18th. Clouds thin. Sun occasionally seen.
23	29.54	29.45	29.40	50	65	53	56.0	W'ly 1	S. W. 2	S. W. 1	0	0	0		19th. Clouds rather thin. Sprinkling of rain at 5 A. M.
24	29.46	29.54	29.82	46	54	46	48.7	W'ly 2	N. W. 2	N. W. 1	0	7	0		20th. Very fine.
25	29.92	29.84	29.96	46	54	46	48.7	N. W. 1	W'ly 2	N. W. 1	2	5	2		21st. Clouds prevailed. Began to rain very gently at 9½ P. M.
26	30.16	30.15	30.14	41	56	43	46.7	N. E. 1	S'ly 2	S'ly 1	0	0	0		22d. Mostly clear in the evening.
27	30.07	30.01	29.99	47	60	48	51.7	S'ly 1	...	N. W. 1	10	...	0		23d. Very fine.
S 28	30.08	30.06	30.03	48	60	54	54.0	N. E. 1	S'ly 5	S. E. 1	0	10	Foggy		24th. Evening very clear.
29	29.91	29.72	29.34	57	65	64	62.0	S. E. 1	S. E. 2	S. E. 4	Foggy	10	Rain	1.15	25th. Pleasant.
30	29.33	29.45	29.60	51	62	41	51.3	N. W. 1	...	N. W. 2	10	...	0		26th. Fine.
31	29.76	29.77	29.98	36	45	32	37.7	W'ly 1	N. W. 2	N. W. 2	7	6	0		27th. Pleasant.
Means	29.79	29.75	29.81	46.6	57.1	49.1	...	1.3	2.0	1.5	6.2	7.0	5.6	6.55	28th. Clear in the morning. Evening raw and damp.
								1.6			6.2				29th. Began to rain moderately at 7 P. M., but heavy at intervals, with high wind.
REDUCED TO SEA LEVEL.															30th. Clouds prevailed during the day. Very clear in the evening, with appearances of aurora, notwithstanding the presence of the moon nearly full.
Max.	30.34	30.33	30.32	63	67	62	63.7								31st. Clouds prevailed during the day. Evening very clear.
Min.	29.37	29.27	29.39	35	45	32	37.7								
Mean	25.97	29.93	29.99												
Range	0.97	1.06	0.93	28	22	30	26.0								
Mean of month			29.963	...	...	...	50.9								
Extreme range			1.07	...	...	...	35.0								

Prevailing winds from some point between— Days.

N. & E.	11
E. & S.	7
S. & W.	5
W. & N.	8

	Days.
Clear	6
Variable	16
Cloudy	
Rain fell on	9

November, 1849. New Moon, 14d. 4h. 5m. P. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.05	29.97	29.97	27	39	31	32.3	N. W. 1	N. W. 2	N. W. 1	3	3	0		1st. Thermometer in the garden 26°. Evening clear.
2	29.95	29.85	29.77	30	42	35	35.7	N. W. 1	N. W.	N. W. 1	4	...	0		2d. Fine. Evening very clear.
3	29.72	29.71	29.73	32	50	50	44.0	W'ly 1	S. W.	S'ly 1	5	...	2		3d. Hazy during the day. Sun red.
S 4	29.85	29.85	29.93	50	67	54	57.0	S'ly 1	N. W. 2	N. E. 1	5	. 2	10		4th. Very hazy. The sun of a deep red hue.
5	29.96	29.88	29.89	44	58	52	51.3	N. E. 1	S. E. 2	S. E. 1	Hazy	10	Rain		5th. Light rain in the afternoon and evening.
6	29.99	29.95	29.94	50	55	52	52.3	N. E. 1	N. E. 1	E'ly 1	Misty	10	10		6th. Mist frequent during the day.
7	29.85	29.75	29.75	52	61	56	56.3	S'ly 1	S'ly 1	S'ly 1	10	Misty	10		7th. Cloudy, with occasional mist.
8	29.75	29.66	29.57	53	65	61	59.7	S'ly 1	S. E'ly 1	E'ly 3	10	10	Shower	1.62	8th. Heavy dashes of rain from 5 to 6 P. M.; wind fresh from easterly.
9	29.49	29.48	29.53	61	64	56	60.3	S. E'ly 3	E'ly 2	E'ly 2	Rain	9	Rain		9th. Heavy showers in the morning. Nearly clear at 7 P. M. Rain again between 8 and 10 P. M.
10	29.56	29.56	29.61	53	59	45	52.3	S'ly 1	S'ly 1	W'ly 1	Foggy	10	0		10th. Fog in the morning. Evening clear.
S 11	29.64	29.62	29.65	46	54	47	49.0	N. W. 2	N. W. 1	N. W. 2	8	2	10		11th. Clouds prevailed. Sun only occasionally seen.
12	29.68	29.68	29.78	45	57	44	48.7	N. W. 2	N. W. 2	N. W. 1	3	2	0		12th. Fine. Evening very mild and clear.
13	29.80	29.79	29.79	44	55	44	47.7	N. W. 2	N. W. 2	N. W. 1	2	4	0		13th to 17th. Very fine.
14	29.79	29.71	29.78	43	64	47	51.3	W'ly 1	W'ly 1	N. W. 1	2	0	0		
15	29.97	29.96	30.07	39	44	36	39.7	N'ly 1	N. E'ly 1	N. E. 1	0	0	0		
16	30.15	30.10	30.10	31	49	39	39.7	N. W. 1	N. W. 1	N. W. 1	0	0	2		
17	30.04	29.96	29.90	33	53	42	42.7	N. W. 1	S. W'ly 1	Calm	0	2	0		18th. Cloudy the greater part of the day.
S 18	29.84	29.77	29.71	40	55	46	47.0	Calm	N. E. 1	N. E. 2	3	10	7		19th. Began to rain from 9 to 10 A. M., and continued through the day and night.
19	29.67	29.46	29.38	45	48	46	46.3	N. E. 3	N. E. 3	N. E. 3	10	Rain	Rain	0.80	20th. Moderate rain in the morning.
20	29.37	29.37	29.43	42	47	43	44.0	N. E. 2	N'ly 2	N'ly 1	Rain	10	10		21st. Pleasant. Evening very clear.
21	29.57	29.57	29.69	42	52	43	45.7	N byW. 2	N. W. 2	N. W. 1	7	2	0		22d. Pleasant. Evening much overcast with clouds.
22	29.83	29.79	29.81	42	54	44	46.7	N. W. 1	S. W. 1	S. W. 1	0	0	5		23d Very fine.
23	29.88	29.84	29.91	45	58	49	50.7	S. W. 1	S. W. 1	S. W. 1	10	0	2		24th. Began to rain very gently from 5 to 6 P. M.
24	30.03	29.98	30.02	45	58	50	51.0	N. W. 1	S. W. 1	Calm	5	10	Rain		25th. Appearances of rain. Wind very fresh at S. W. in the night.
S 25	30.01	29.84	29.70	49	57	58	54.7	E'ly 2	E'ly 1	S'ly 2	10	10	10		26th. Very mild.
26	29.63	29.58	29.58	58	62	50	56.7	S. W. 2	W'ly 2	W'ly 1	5	10	5		27th. Aurora quite bright from 4 to 5 A. M. Very fine through the day. Evening transparently clear.
27	29.66	29.65	29.76	39	47	40	42.0	W'ly 2	N. W. 2	N. W. 1	0	0	0		
28	29.81	29.75	29.83	36	45	36	39.0	W. 2	W'ly 1	N. W. 1	0	8	5		28th. Pleasant.
29	29.73	29.60	29.49	31	40	36	35.7	N. W. 1	W'ly 1	W'ly 1	0	3	10		29th. Appearances of storm.
30	29.53	29.52	29.64	34	45	36	38.3	W'ly 2	W'ly 2	N. W. 1	3	5	0		30th. Pleasant. Evening very clear.
Means	29.79	29.74	29.76	42.7	53.5	46.2	...	1.5	1.5	1.3	4.5	5.7	4.9	2.42	
								1.4			5.0				
REDUCED TO SEA LEVEL.															
Max.	30.33	30.28	30.28	61	67	61	60.3								
Min.	29.55	29.55	29.56	27	39	31	32.3								
Mean	29.97	29.92	29.94												
Range	0.78	0.73	0.72	34	28	30	28.0								
Mean of month			29.943	...	...	...	47.5								
Extreme range			0.78	...	...	...	40.0								

Prevailing winds from some point between— Days.

N. & E.	5
E. & S.	4
S. & W.	8
W. & N.	13

	Days.
Clear	12
Variable	12
Cloudy	
Rain fell on	6

December, 1849. New Moon, 14d. 10h. 30m. A. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.45	29.39	29.58	37	52	28	39.0	S. W. 1	N. W. 3	N. W. 1	4	5	0		1st. Variable.
S 2	29.92	30.15	30.13	15	29	28	24.0	N. W. 3	N. W. 1	N. E. 1	0	7	10	0.80	2d. Very cold and raw, with appearances of storm.
3	29.86	29.66	29.58	34	49	40	41.0	N. E. 3	N. E. 2	N. E. 2	Rain	Rain	Rain		3d. Ground covered with snow about a half inch deep at sunrise, with hail and rain falling at the time, and wind fresh at N. E. At noon, the snow had disappeared. First snow of the season.
4	29.68	29.70	29.66	32	35	35	34.0	N. W. 2	N. W. 2	N. W.	10	10	10		4th. Cloudy.
5	29.59	29.49	29.55	35	40	34	36.3	W. 1	S. W. 2	N. W. 1	10	Rain	0		5th. Raw air at sunrise. Sprinkling of rain from 11 A. M. to 1 P. M.
6	29.53	29.40	29.52	35	44	30	36.3	W'ly 1	W. by S. 2	N. W. 2	9	8	0		6th. Flurry of snow from 8 to 9 P. M. Cleared, and grew much colder.
7	29.77	29.80	29.92	27	30	24	27.0	N. W. 2	N. W. 3	N. W. 3	0	0	0		7th. Fine.
8	30.08	29.90	29.99	24	31	29	28.0	N. W. 2	N. W. 1	N. W. 1	5	7	2		8th. Cool, but not unpleasant.
S 9	29.97	29.86	29.59	23	30	30	27.7	N. W. 1	N'ly 1	N. E. 1	9	Hail	0		9th. Occasional mist and sleet in the afternoon and evening.
10	29.69	29.70	29.76	34	40	35	36.3	W. 1	W'ly 1	N. E. 1	10	10	Snow		10th. Began to snow moderately from 10 to 11 P. M.
11	29.79	29.81	30.02	31	32	21	28.0	N. W. 1	N. W. 3	N. W. 2	10	0	0		11th. Ground covered with snow an inch deep. Clear in the afternoon and evening.
12	30.14	30.21	30.14	17	27	20	21.3	N. W. 2	N. W. 3	N. W. 2	0	0	0		12th. Very fine, but cool.
13	30.07	29.97	29.89	22	35	30	29.0	W N.W 1	W N W 2	W'ly 1	2	5	10		13th. Pleasant. Appearances of storm in the evening.
14	29.83	29.78	29.85	24	38	31	31.0	N. W. 1	E'ly 1	N. E. 1	0	0	0		14th. Mild. 15th. Pleasant.
15	30.19	30.08	30.14	25	41	33	33.0	N. E. 1	N. E. 1	N. E. 1	0	9	5		16th. Mist in morning. Brisk rain from 11 to 12 A. M. Light rain and mist in the afternoon.
S 16	29.99	29.80	29.59	39	43	47	43.0	S. E. 1	S. E. 1	S'ly 1	Misty	Rain	10	0.45	17th. Pleasant. Blustering in the evening.
17	29.64	29.69	29.87	40	45	32	39.0	W'ly 1	N. W. 2	N. W. 3	2	4	0		18th. Fine.
18	30.05	30.05	30.19	24	32	23	26.3	N. W. 1	N. W. 2	N. W. 1	0	0	0		19th. Began to snow moderately at 7 P. M., and ceased about 10 P. M.
19	30.33	30.21	29.93	19	34	37	30.0	N. E'ly 1	S. E. 1	S. E'ly 3	0	10	Snow	0.27	20th. Snow disappeared. Shower at 5 to 6 P. M.
20	29.73	29.57	29.41	43	55	50	49.3	S'ly 1	S'ly	S. W.	10	10	Sh'r, 10	0.10	21st. Fine. Faint fog-bow about moon at 9 P. M.
21	29.67	29.78	29.94	36	41	29	35.3	N. W. 2	N. W. 1	N. W. 2	0	0	0		22d. Began to hail and rain from 1 to 2 P. M.; wind light E'ly. Wind and storm increased. At 6 P. M., wind heavy, and barom. fallen to 29.02. At 8 P. M., wind hauled to S. W.; barom. 28.95. From 10 to 11 P. M., barom. stationary at 28.94. Clouds broken, and the moon out at intervals.
22	29.80	29.41	28.85	28	37	41	35.3	N. E. 1	E'ly 3	S. W. 3	10	Rain	10	1.10	
S 23	29.20	29.39	29.51	29	36	33	32.7	N. W. 3	W'ly 2	W'ly 2	5	1	5		
24	29.53	29.39	29.28	32	37	33	34.0	N. E. 1	E'ly 1	N'ly 1	10	Rain	10		
25	29.31	29.39	29.65	26	20	7	17.7	N. W'ly 1	N. W. 3	N. W. 2	Snow	4	0		
26	30.10	30.01	29.91	7	17	22	15.3	N. W. 2	N. W. 2	W'ly 2	0	0	10, Sn.		
27	29.88	29.87	29.95	21	31	28	26.7	N. W. 1	N. W. 1	N. W. 1	0	0	1		
28	30.13	30.17	30.09	23	31	29	27.7	N. W. 1	N. W. 1	W'ly 1	0	2	10	0.80	
29	29.94	29.71	29.58	29	42	36	34.0	N. E. 1	Calm	W'ly	Snow	Misty	10		
S 30	29.86	29.91	29.98	25	30	26	27.0	N. W. 1	N. W. 1	N. W. 1	0	0	10		
31	29.85	29.86	30.00	21	21	20	20.7	N. E. 2	N. W. 2	N. W. 1	Snow	0	10		
Means	29.83	29.78	29.78	27.6	35.6	30.4	...	1.5	1.8	1.6	5.0	5.2	4.9	3.52	23d. Pleasant. Light flurry of snow on the ground in the morning.
									1.6			5.0			24th. Flurry of snow on the ground at sunrise. Moderate rain and snow from 11 A. M. to 3 P. M.
REDUCED TO SEA LEVEL.															25th. Snowing at sunrise; wind light at N. W. Snow soon ceased. Evening cold; piercing wind.
Max.	30.51	30.39	30.37	43	55	50	49.3								26th. Cold. Appearances of storm in evening.
Min.	29.38	29.57	29.03	7	17	7	15.3								27th. Ground this morning covered with snow from 1 to 2 inches deep. The day pleasant.
Mean	30.01	29.96	29.96												28th. Appearances of snow in the evening.
Range	1.13	0.82	1.34	36	38	43	34.0								29th. Began to snow moderately about sunrise, and continued with some mist.
Mean of month			29.977	...	...	...	31.2								30th. Day very fine. Appearances of snow in the evening.
Extreme range			1.48	...	...	...	48.0								31st. Snowing at sunrise, which ceased about 10 A. M. Then clear, and again cloudy.

Prevailing winds from some point between—	Days.
N. & E.	6
E. & S.	2
S. & W.	2
W. & N.	21

	Days.
Clear	8
Variable, Cloudy	8
Rain or snow fell on	15

January, 1850. New Moon, 13d. 6h. 11m. A. M.

	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.		
1	30.11	30.03	30.03	9	24	19	17.3	N. W. 2	...	N. W. 1	0	8	0		1st. Very fine.
2	30.09	30.00	30.01	19	30	26	25.0	N. W. 1	...	S. W. 1	5	...	Snow		2d. Pleasant. Dusting of snow in evening.
3	29.95	29.86	29.64	26	35	30	30.3	S. W. 1	N. E. 1	N. E. 1	10	10	Snow		3d. Another dusting of snow this evening.
4	29.64	29.66	29.75	29	37	28	31.3	N. W. 1	N'ly 1	N. W. 2	10	10	5		4th. Mild.
5	29.84	29.86	29.99	18	30	21	23.0	N. W. 1	N. W. 2	N. W. 2	0	0	0		5th and 6th. Very fine.
S 6	30.19	30.22	30.28	16	28	21	21.7	N. W. 2	N. W. 2	N. W. 2	0	0	0		7th. Mild. Flurry of snow during the night.
7	30.21	30.07	29.73	20	35	34	29.7	N. W. 1	N. E. 1	E'ly 2	10	10	Rain	0.52	8th. Light snow at sunrise and at 9 P. M.
8	29.60	29.87	30.04	30	32	31	31.0	N. E. 2	N. E. 1	N. E. 1	Snow	10	Snow		9th. Occasional flurries of snow, with mist late in the afternoon. Cleared from 8 to 9 P. M.
9	30.06	29.90	29.79	25	33	36	31.3	N. E. 1	N. E. 1	W'ly 2	10	10	0		10th. Pleasant.
10	29.97	30.05	30.09	33	33	19	28.3	N. W. 1	N. W. 2	N. W. 2	2	2	0		11th. Began to rain moderately from noon to 1 P. M., and increased. Pretty heavy in evening. Barometer fell with considerable rapidity.
11	29.94	29.65	29.25	23	38	46	35.7	N. E. 1	S. E. 2	S. E. 3	10	Rain	Rain	1.18	12th. The snow and ice have nearly all disappeared. Very mild and pleasant.
12	29.20	29.32	29.61	41	49	37	42.3	S. W. 1	N. W. 1	N. W. 3	10	6	0		13th. Pleasant for the season
S 13	29.91	30.00	30.13	28	32	27	29.0	N. W. 2	N. W. 2	N. W. 2	2	0	5		14th. Very raw. Clouds general, but thin.
14	30.10	30.12	30.27	16	23	22	20.3	N. W. 3	N. by E. 3	N'ly 3	10	8	0		15th. Pleasant.
15	30.22	30.11	30.01	22	33	30	28.3	N. W. 2	...	N. W. 2	0	...	3		16th. Flurry of snow from 7 to 8 A. M.
16	29.89	29.76	29.89	32	37	29	32.7	W'ly 2	N. W. 2	N. W. 1	Snow	0	0		17th. Appearances of storm in the evening.
17	29.92	29.84	29.76	24	39	36	33.0	N. W. 1	N. W. 1	S. E. 1	2	10	10		18th. Began to rain and snow from 2 to 3 P. M. Soon changed to snow, which fell fast till between 10 and 11 P. M. At 10 P. M., barom. 29.38. At 11 P. M., clouds broken. At 11½ P. M., mostly clear, and barom. at 29.50.
18	29.64	29.44	29.31	34	39	32	35.0	E'ly 1	N. E. 1	N. E. 2	Foggy	Foggy	Snow	1.00	
19	29.74	29.84	30.02	24	29	22	25.0	N. W. 2	N. W. 3	N. W. 1	0	0	0		19th. About six inches of damp snow on the ground this morning, giving by the gauge nearly one inch of water. Aurora, not very bright, noticed at 11½ P. M.
S 20	30.10	30.03	30.03	20	31	23	24.7	N. W. 1	N. W. 2	N. W. 1	0	0	2		
21	30.01	29.93	29.64	26	38	35	33.0	N'ly 1	S. E'ly 1	E'ly 2	10	10	Rain	2.10	
22	29.11	29.04	29.71	40	36	35	37.0	E. by S. 2	N. W. 3	N. W. 3	Rain	10	2		20th. Pleasant.
23	29.98	30.06	30.20	29	38	31	32.7	N. W. 2	N. W. 1	N. W. 1	0	0	0		21st. Random snow in the air in the afternoon. Mist and rain at 5 P. M., with wind E. N E., which became moderate rain, and continued through the evening.
24	30.31	30.26	30.20	25	41	35	33.7	N. W. 1	N. W. 1	S. W. 2	0	10	10		
25	29.88	29.68	29.83	35	51	39	41.7	S. E. 1	S. W. 1	S. W. 1	Rain	9	6	0.30	
26	29.86	29.77	29.73	37	46	36	39.7	N. W. 1	S. W. 1	S. W. 1	9	4	Hazy		22d. Barom. at sunrise 29.18; wind rather fresh at about E by S, and raining moderately. At 9 A. M., bar. 29.15; still raining. At 11 A. M., bar. 29.08; foggy, and wind light N. W. At 1 P. M., bar. 29.13; wind blustering at N. W., and rain ceased. At 3 P. M., bar. 29.25; very blustering.
S 27	29.55	29.46	29.63	39	50	39	42.7	S'ly 2	S. W. 1	N. W. 1	Misty	9	0		
28	29.77	29.70	29.37	31	43	32	35.3	N. W. 1	E'ly 2	N. E. 2	2	10	Snow	0.50	
29	29.64	29.77	30.00	28	31	23	27.3	N'ly 1	N. W. 2	N. W. 1	10	0	0		
30	30.21	30.25	30.36	17	26	16	19.7	N. W. 2	N. W. 2	N. W. 1	0	0	0		
31	30.42	30.27	30.01	13	33	35	27.0	N. W. 1	S'ly 2	S. W. 2	0	2	9		
Means	29.91	29.87	29.88	26.1	35.5	29.8	...	1.4	1.6	1.7	5.5	5.8	4.6	5.60	23d. Very fine.
									1.6			5.3			24th. Pleasant. Cloudy in the afternoon. Some flakes of snow in the evening.
REDUCED TO SEA LEVEL.															25th. Moderate rain from 5 to 10 A. M.
Max.	30.60	30.45	30.54	41	51	46	42.7								26th. Pleasant. Halo about moon in evening.
Min.	29.29	29.22	29.43	9	24	16	17.3								27th. Wind came to W'ly, and clouds dispersed from 2 to 3 P. M.
Mean	30.09	30.05	30.06												28th. Began to snow and hail moderately at 2¾ P. M.; wind light E'ly.
Range	1.31	1.23	1.11	32	27	30	25.4								29th. About five inches of moist snow on the ground this morning.
Mean of month			30.067	...	...	...	30.5								30th. Very fine.
Extreme range			1.38	...	...	...	42.0								31st. Pleasant.

Prevailing winds from some point between—	Days.
N. & E.	7
E. & S.	2
S. & W.	4
W. & N.	18

	Days.
Clear	9
Variable, Cloudy	10
Rain or snow fell on	12

February, 1850. New Moon, 12d. 1h. 21m. A. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.		
1	30.06	30.00	30.06	30	43	32	35.0	W'ly 1	W'ly 1	N. W. 1	5	0	0		1st. Very fine for the season.
2	29.94	29.89	29.73	30	34	32	32.0	W'ly 1	S. E'ly 1	E'ly 1	10	Rain	10	0.65	2d. Moderate rain at intervals in the morning.
S 3	28.97	29.22	29.65	49	39	23	37.0	S. W. 3	N. W. 2	N. W. 2	Rain	2	3		3d. At sunrise, wind strong S. W.; moderate rain; bar. 29.06. Bar. began to rise at 8½ A. M.; at 9 A. M., stood at 29.10, with wind W'ly and clouds broken; continued to rise, and sun out at noon.
4	30.04	29.98	30.09	12	21	17	16.7	N. W. 2	N. W. 2	N. W. 1	0	2	2		4th. Fine.
5	30.28	30.28	30.45	10	15	6	10.3	N. W. 2	N. W. 3	N. W. 1	0	2	0		5th. Very cold: wind piercing.
6	30.50	30.52	30.46	0	15	14	9.7	N. W. 1	N. W. 1	N. W. 1	0	0	0		6th. At sunrise, ther. at zero; wind light N. W.; bar. 30 56. At 11 A. M., bar. 30.66; cold, but not unpleasant. At 1 P. M., bar. 30.58.
7	30.35	30.20	30.18	18	33	25	25.3	Var.	S. W. 1	Calm	9	Snow	0		7th. Scattering flakes of snow at 9 A. M.; wind light S. W. Snow continued till about 2 P. M.
8	30.10	30.01	29.84	19	37	37	31.0	S. W'ly 1	S. W'ly 1	S. W. 1	9	Snow	10		
9	29.75	29.64	29.46	39	46	45	43.3	S. W. 1	S'ly 1	S'ly 2	Foggy	Misty	Rain	1.45	
S 10	29.06	29.08	29.35	46	52	36	44.7	S'ly 1	W. by S. 2	W'ly 1	F'g, sh'r	2	0		8th. Snow flakes falling from 11 A. M. to 3 P. M.
11	29.50	29.48	29.60	32	42	36	36.7	W. by S. 1	W'ly 2	W'ly 2	0	6	9		9th. Moderate rain about 3 P. M., continuing through evening and night; wind heavy at S'ly.
12	29.76	29.75	29.87	34	39	30	34.3	N. W. 2	W. N. W. 2	N. W. 1	3	0	0		10th. Rain ceased about 6 A. M.; wind abated.
13	29.96	29.95	29.86	25	36	30	30.3	N. W. 1	N. W. 1	S. W. 1	0	0	0		From 7 to 8 A. M., light rain; wind S. by W.; bar.
14	29.67	29.47	28.96	28	41	43	37.3	N. E. 1	E. N. E. 2	S. W'ly 2	3	10, R'n	4	1.28	29.13; foggy. At 9 A. M., bar. 29.14; at 11 A. M., 29.16, wind light S. W. Cleared about noon.
15	28.91	28.90	29.24	36	44	30	36.7	S. W. 1	W'ly 1	N. W. 3	9	10	0		11th. Pleasant. 12th. Very fine.
16	29.51	29.69	29.84	20	30	26	25.3	N. W. 1	N. W. 2	N. W. 1	0	0	0		13th. Fine. Light patches of haze in evening.
S 17	29.85	29.76	29.72	24	41	35	33.3	S. W. 1	S. W. 2	W'ly 2	0	0	0		14th. At sunrise, pleasant; wind light N. E'ly; light, thin clouds in different parts of sky. At 9 A. M., overcast; wind increased. At 2½ P. M., began to rain moderately; wind fresh at about E. N. E. From 5 to 8 P. M., rain copious; nearly ceased by 8½ P. M., and wind much abated; bar. 29.03. At 9 P. M., calm and stars out; bar. 29.03. At 9½ P. M., mostly clear; wind light W'ly; bar. 29.03. At 10 P. M., bar. 29.05; wind W'ly, fresh and rather gusty. At 11 P. M., bar. 29.05.
18	29.64	29.50	29.39	31	50	36	39.0	S. W. 1	S'ly 1	S. E'ly 1	0	6	7		
19	29.19	29.14	29.33	32	43	31	35.3	N'ly 1	N'ly 2	N. W. 4	10	9	0		
20	29.52	29.61	29.55	24	39	37	33.3	N. W. 2	W N W 2	S. W. 2	0	0	10		
21	29.30	29.37	29.64	40	50	37	42.3	W'ly 2	W'ly 3	N. W. 2	0	0	0		
22	29.84	29.94	30.10	25	28	22	25.0	N. W. 3	N. W. 3	N. W. 1	3	0	0		
23	30.17	30.08	30.03	14	34	26	24.7	N. W. 1	W. S. W. 1	N. W. 1	0	0	0		
S 24	29.98	29.86	29.67	23	38	34	31.7	W N W 1	S'ly 1	S. W. 1	0	0	Hazy		
25	29.27	29.24	29.47	36	47	38	40.3	S. W. 2	S. W. 2	N. W. 1	10	10	2		15th. At 5 A. M., mostly clear. At sunrise, bar. 28.99; clouds broken. At 9 A. M., bar. 29.03; at 10 A. M., 29.03; at 1 P. M., 29.00. At 2 P. M., flurry of snow. At 5 P. M., bar. 29.06; wind N. W'ly. At 6 P. M., bar. 29.13; wind fresh at N. W. Frost quite out of the ground in many places.
26	29.56	29.48	29.54	31	51	40	40.7	S. W. 1	S. W. 2	S. W. 1	2	0	1		
27	29.63	29.66	29.87	37	46	32	38.3	N. W. 1	W. N. W. 2	W'ly 1	1	0	0		
28	29.98	29.88	29.65	22	37	33	30.7	N. W. 2	S'ly 1	S. E'ly 2	2	2	Snow		
Means	29.72	29.70	29.74	27.4	38.2	30.8	...	1.4	1.7	1.5	3.8	4.0	3.1	3.38	16th, 17th, and 18th. Very fine.
								1.5			3.6				19th. Clouds general, but thin. Cleared from 7 to 8 P. M. Wind very blustering in evening.
REDUCED TO SEA LEVEL.															20th. Pleasant. 21st. Fine.
Max.	30.68	30.70	30.64	49	52	45	44.7								22d. Blustering. Evening very fine.
Min.	29.09	29.08	29.14	0	15	6	9.7								23d. Very fine.
Mean	29.90	29.88	29.92												24th. Very fine. Evening hazy, with light clouds. Halo about the moon.
Range	1.59	1.62	1.50	49	37	39	35.0								25th. Mild. Evening very fine.
Mean of month			29.900	...	...	...	32.2								26th and 27th. Very fine.
Extreme range			1.62	...	...	...	52.0								28th. Pleasant in morning. Wind S'ly and air very raw in afternoon. Began to snow at 10 P. M. Very little frost in ground for the last fortnight.

Prevailing winds from some point between—	Days.
N. & E.	1
E. & S.	3
S. & W.	8
W. & N.	16

	Days.
Clear	14
Variable	7
Cloudy	
Rain or snow fell on	7

March, 1850. New Moon, 13d. 6h. 9m. P. M.

	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.		
1	28.89	28.80	29.18	40	50	39	43.0	Var.	W N W 3	W'ly 3	Rain	2	9	1.37	1st. At sunrise, foggy and moderate rain; quite calm. During night, wind heavy S. E. and E'ly, with snow and rain. At 7 A. M., bar. 28 96; at 8½ A. M., 28.92; wind light and variable, mostly from N. At 10 A. M., bar. 28.90; wind light but steady at N. W. At 1 P. M., wind blustering at about W. N. W. At 2½ P. M., barom. indicates upward movement; at 3 P. M., 28.95; at 6 P. M., 29.08. Aurora seen through broken clouds in the north.
2	29.48	29.53	29.53	29	41	34	34.7	N. W. 1	N. W. 2	S. W. 2	0	0	0		
S 3	29.59	29.57	29.73	36	22	15	24.3	N. E. 2	N. E. 2	N. W. 1	10	Snow	0		
4	29.94	29.97	30.01	11	24	22	19.0	N. W. 1	N. W. 2	N. W. 1	0	0	0		
5	30.03	30.07	30.00	23	34	28	28.3	N. W. 1	N. W. 2	W'ly 1	6	0	0		
6	29.87	29.76	29.44	27	43	38	36.0	S. W. 1	S. W. 1	S. W. 2	5	Rain	Rain	1.60	
7	28.86	28.94	29.19	38	41	36	38.3	N. W. 1	N. W. 2	N. W'ly 3	F'g, m't	10	6		2d. Very fine.
8	29.38	29.51	29.78	33	39	30	34.0	N. W. 2	N. W. 3	N. W. 3	4	9	0		3d. Began to snow moderately at 9 A. M. At 10 A. M., barometer 29.75. Evening very clear. The ground scarcely covered with snow.
9	29.88	29.90	29.88	25	41	36	34.0	N. W. 1	N. W. 1	W'ly 1	0	2	10		
S 10	29.71	29.62	29.71	34	46	33	37.7	S. E'ly 1	W'ly 1	N. W. 1	10	7	3		4th. Faint aurora observed from 9 to 11 P. M.
11	29.82	29.87	29.92	25	35	29	29.7	N. W. 2	N. W. 3	N. W. 1	2	0	0		5th. Very fine.
12	29.89	29.96	30.04	30	36	31	32.3	E'ly 1	N. 2	N. E'ly 1	Snow	7	0		6th. Began to rain moderately at 2 P. M.
13	30.05	29.90	29.65	34	52	51	45.7	S. by W. 1	S. W. 3	S. W. 3	2	3	Rain	0.52	7th. At 6 A. M., bar. 28.92; wind light N. W.; fog and mist. At 10 P. M., stars out and misty.
14	29.55	29.38	29.49	51	58	49	52.7	S. W. 2	S. W. 1	S. W. 2	Rain	10	0		8th. Raw and blustering. Evening very clear.
15	29.60	29.76	29.90	39	51	36	42.0	N. W. 2	N. W. 2	N. W. 1	0	3	0		9th. Fine. Began to be overcast about 8 P. M.
16	29.98	29.97	30.10	32	50	37	39.7	N. W. 2	N. 2	E'ly 2	5	9	10		10th. Light flurry of snow on ground this morning. At 9 A. M., flurry of snow. Pleasant P. M.; half clear; wind light S. E. At 9 P. M., flurry of snow; wind W'ly. At 10 P. M., clear; wind N. W.
S 17	30.11	30.03	29.93	36	42	35	37.7	E. N. E. 1	S. E'ly 2	S. E'ly 1	10	10	10		
18	29.78	29.67	29.63	33	33	32	32.7	E'ly 2	E. N. E. 2	N. E. 2	10	Snow	Snow	0.25	
19	29.73	29.82	30.01	29	30	24	27.7	N. E. 2	N. 2	N. W. 3	10	3	0		11th. Rather blustering. Evening very fine till 10 o'clock; quite hazy at 11 P. M.
20	30.12	30.14	30.04	17	25	21	21.0	N. W. 3	N. W. 3	N. W. 2	0	0	0		12th. At 6 A. M., light snow, which continued till 9 A. M.—about one inch. Evening clear.
21	29.97	29.79	29.63	19	36	32	29.0	N. W. 2	N. W. 2	N. W. 2	0	0	3		13th. Began to rain from 8 to 9 P. M.; wind S. W.
22	29.64	29.60	29.60	25	43	36	34.7	W. 2	N. W. 2	N. W. 1	0	0	9		14th. Moderate rain in morning. In evening, clouds and lightning low down in the N. W.; else very clear.
23	29.54	29.31	29.36	35	35	28	32.7	N. E. 1	N. E. 2	N'ly 2	10	Snow	7	1.00	
S 24	29.46	29.47	29.50	27	37	29	31.0	N. W. 1	N. W. 2	N. W. 1	0	0	0		15th. Very fine. 16th. Pleasant.
25	29.51	29.44	29.48	23	34	28	28.3	W'ly 1	N. W. 3	N. W. 3	0	3	0		17th. Air raw and chilly.
26	29.52	29.51	29.60	23	35	30	29.3	W S W. 1	W. 3	N. W. 1	0	0	0		18th. Moderate snow all day, melting as it fell.
27	29.65	29.67	29.61	30	40	34	34.7	N. W. 2	W'ly 1	N. W. 1	9	10	10		19th. One or two inches of snow on the ground, which disappeared in the morning.
28	29.44	29.33	29.46	28	36	30	31.3	N. 1	N. by E. 1	N. W'ly 1	Snow	Snow	7	0.45	20th. Piercing cold wind.
29	29.58	29.65	29.72	26	43	32	33.7	N. W. 1	S. W. 1	W'ly 1	2	0	0		21st. More pleasant. 22d. Pleasant.
30	29.81	29.81	29.88	32	47	36	38.3	N. W. 2	N. W. 2	W'ly 1	0	0	0		23d. Damp snow fell from 7 A. M. till 8 or 9 P. M. Seven or eight inches deep, notwithstanding the melting underneath. At 9 P. M., clouds broken.
S 31	29.88	29.77	29.78	34	49	38	40.3	N'ly 1	N. E. 1	N'ly 1	10	8	0		24th. About eight inches of damp snow on the ground; largest quantity at one time this winter.
Means	29.69	29.66	29.70	29.8	39.6	32.6	...	1.5	2.0	1.6	5.0	5.0	3.7	5.19	25th. Wind cold and piercing.
								1.7			4.6				26th. More pleasant.
REDUCED TO SEA LEVEL.															27th. Clouds thin through the day.
Max.	30.30	30.32	30.28	40	58	51	52.7								28th. At sunrise, snow nearly two inches deep, and snowing. Snow continued through the day. At 9 P. M., clouds broken and moon out.
Min.	29.04	28.98	29.36	11	22	15	19.0								29th. Pleasant.
Mean	29.87	29.84	29.88												30th. Very fine. Snow nearly disappeared.
Range	1.26	1.34	0.92	29	36	36	33.7								31st. Pleasant. Aurora quite bright in evening.
Mean of month			29.863	...	...	...	34.0								
Extreme range			1.34	...	...	...	47.0								

Prevailing winds from some point between—	Days.
N. & E.	5
E. & S.	1
S. & W.	3
W. & N.	22

	Days.
Clear	12
Variable	9
Cloudy	
Rain or snow fell on	10

April, 1850. New Moon, 12d. 7h. 39m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 2 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 2 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 2 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.91	29.95	30.02	34	54	41	43.0	N. W. 1	N. W. 1	N. W. 1	0	0	0		1st and 2d. Very fine.
2	30.02	29.91	29.91	38	64	48	50.0	S. W. 1	S. W. 1	S. W. 1	0	0	3		3d. Very mild. Appearances of rain in the evening.
3	29.83	29.68	29.48	49	66	50	55.0	S. W. 2	S. W. 2	S. E'ly 2	0	9	10		4th. Rain all day. From 5 to 6 P. M., rain and snow.
4	29.11	28.95	29.37	50	45	32	42.3	N. E. 2	N. E. 2	N'ly 3	Rain	Rain	Misty	1.90	5th. Mist and occasional snow. Air very raw.
5	29.57	29.65	29.48	31	36	32	33.0	N. 1	N. E. 2	N. E. 2	Misty	10	Snow	0.50	6th. Began to snow last evening at 10 o'clock, and continued all night and through this day moderately, and with occasional mixture of rain. About four inches of snow on the ground this morning. Clouds broken, and wind at N. W. in the evening. Bright aurora under the clouds at the north, which continued all night.
6	29.45	29.47	29.56	31	33	31	31.7	N. E. 3	N. E. 2	N. W. 1	Snow	Sn., r'n	9		
S 7	29.58	29.58	29.64	30	48	39	39.0	N. W. 1	N. W. 2	N. W. 1	0	0	0		
8	29.61	29.49	29.61	37	57	35	43.0	S. W. 2	S. W. 3	N. W. 3	4	10	6		
9	29.73	...	29.84	25	...	29	...	N. W. 2	...	N. W. 2	0	...	0		
10	29.87	29.77	29.85	29	43	32	34.7	N. W. 1	N. W. 2	N. W. 1	9	0	0		7th. Very fine. Snow nearly all disappeared during the day. Aurora again this evening, but not very bright.
11	29.89	29.77	29.79	29	51	33	37.7	N. W. 2	S. E. 2	S. E. 1	0	0	0		
12	29.80	29.78	29.75	35	44	34	37.7	E. 2	S. E. 2	S. E. 2	Snow	10	2	0.10	
13	29.63	29.35	29.19	34	44	35	37.7	E'ly 1	E'ly 3	W. 2	5	Rain	0	0.45	8th. Pleasant in the morning. Very blustering in the evening.
S 14	29.25	29.36	29.49	32	37	30	33.0	W'ly 3	W'ly 3	W'ly 3	5	8	0		9th. Cold and uncomfortable.
15	29.62	29.66	29.79	30	38	32	33.3	N. W. 4	N. W. 4	N. W. 2	0	2	0		10th. Very fine.
16	29.72	29.72	29.84	33	38	29	33.3	N. W. 3	N. W. 3	N. W. 2	0	0	0		11th. Air raw.
17	29.87	29.80	29.94	26	41	28	31.7	N. W. 2	N. W. 2	N. W. 2	0	0	5		12th. Snowed moderately, melting as it fell, from about 5 to 10 A. M.
18	30.01	30.05	30.06	26	44	34	34.7	N. W. 2	N. 2	N. E. 1	0	1	1		13th. Very changeable. Rained from about 1 to 4 P. M. Snowed from 4 to 5 P. M., melting as it fell.
19	30.02	29.85	29.78	36	54	41	43.7	W'ly 1	S. W. 3	S. W. 2	3	10	7		
20	29.87	29.81	29.89	40	60	38	46.0	N. W. 1	E'ly 2	N. W. 1	0	8	8		14th. Very windy. A fall of snow in afternoon.
S 21	29.99	30.02	30.07	40	55	39	44.7	E'ly 1	E'ly 1	E'ly 1	2	5	0		15th. Very cold and blustering.
22	30.02	29.93	29.74	42	49	52	47.7	S. W. 2	S'ly 2	S'ly 2	10	10, R'n	10		16th. Flurry of snow for a few minutes at 8 P. M. Wind piercing from N. W. all day, and the cold severe.
23	29.56	29.58	29.83	53	57	40	50.0	S'ly 1	S'ly 2	N. W. 3	Misty	Misty	0		17th. More pleasant, but still cold.
24	30.05	29.96	29.88	33	50	42	41.7	N. W. 2	N. W. 2	S. W. 1	0	0	0		18th. Pleasant. Evening mild.
25	29.85	29.77	29.78	43	69	54	55.3	W. 2	W.byS. 3	S. W. 2	1	4	5		19th. Mild.
26	29.78	29.72	29.73	56	69	54	59.7	S. W. 1	S'ly 2	S'ly 1	10	10	10		20th and 21st. Pleasant.
27	29.80	29.79	29.78	53	61	51	55.0	S'ly 1	S'ly 2	S'ly 1	Foggy	10	10		22d. Sprinkling of rain in the afternoon.
S 28	29.77	29.78	29.75	53	59	50	54.0	S'ly 2	S'ly 2	S'ly 2	Foggy	5	Foggy		23d. Wind came to N. W. about 5 P. M. Evening clear and very gusty.
29	29.45	29.25	29.62	51	63	51	55.0	S. by E. 2	S. W. 3	N. W. 3	Rain	7	2	1.72	24th. Very pleasant.
30	29.93	29.95	29.91	42	67	51	53.3	N. W. 1	S. W. 2	S. W. 2	0	0	0		25th. Very spring-like.
Means	29.75	29.70	29.75	38.0	51.6	39.6	...	1.7	2.3	1.8	4.3	5.5	3.9	4.67	26th. Clouds general all day, but thin.
									1.9			4.6			27th. Clouds thin, and occasional fog.
REDUCED TO SEA LEVEL.															28th. Heavy fog in the evening.
Max.	30.23	30.23	30.25	56	69	54	59.7								29th. Heavy rain in the morning. Cleared from 1 to 2 P. M. Very gusty in the afternoon.
Min.	29.29	29.13	29.37	25	33	28	31.7								30th. Very fine.
Mean	29.93	29.88	29.93												
Range	0.94	1.10	0.88	31	36	26	28.0								
Mean of month			29.913	...	...	...	43.1								
Extreme range			1.12	...	...	...	44.0								

Prevailing winds from some point between—	Days.
N. & E.	3
E. & S.	6
S. & W.	11
W. & N.	10

	Days.
Clear	12
Variable / Cloudy	9
Rain or snow fell on	9

May, 1850. New Moon, 11d. 6h. 1m. P. M.

	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.		
1	29.77	29.70	29.92	51	57	42	50.0	S. W. 2	W'ly 3	N. W. 1	0	10	0		1st. Squally from 1 to 3 P. M. Evening very pleasant.
2	29.92	29.92	29.96	39	53	44	45.3	N. W. 2	N. W. 2	N. W. 1	0	8	0		2d. Pleasant.
3	30.03	29.89	29.88	44	63	50	52.3	N. W. 1	N. W. 2	S. W. 2	0	0	2		3d. Very fine.
4	29.76	29.68	29.71	50	60	46	52.0	S. W. 1	S. W. 1	N. E. 2	5	10	Rain		4th. Sprinkling at intervals in the afternoon. Very moderate rain in the evening.
S 5	29.77	29.76	29.70	45	48	55	49.3	N. E. 2	N. E. 2	E'ly 1	Misty	Rain	Misty		5th. Mist and showers through the day.
6	29.69	29.62	29.60	55	62	56	57.7	S. E. 2	S. W'ly 2	S. W. 1	Rain	Foggy	9	2.22	6th. Heavy rain in the morning. Fog and mist in the afternoon.
7	29.71	29.79	29.91	45	64	51	53.3	N. W. 1	N. W. 1	N. W. 1	0	0	0		7th. Very fine. In the evening, aurora quite bright from N. W. round to N. E., but without any streamers.
8	29.95	29.89	29.81	45	65	51	53.7	N. W. 1	S. E'ly 2	S. E'ly 1	1	6	2		
9	29.51	29.25	29.39	52	54	46	50.7	S. E. 3	S.byW. 3	N. W. 1	Rain	Rain	0	1.10	8th. Pleasant.
10	29.59	29.57	29.66	42	58	45	48.3	N. W. 2	N. W. 3	W'ly 1	0	5	0		9th. Rain in the morning; heavy wind at S. E. and then S'ly. Cleared from 4 to 6 P. M. Evening fine.
11	29.69	29.63	29.66	42	55	44	47.0	N. W. 1	S. E'ly 2	S'ly 1	2	10	3		
S 12	29.67	29.58	29.63	41	61	49	50.3	N. W. 2	N. W. 2	N. W. 1	5	8	0		10th. Pleasant.
13	29.60	29.62	29.69	52	76	57	61.7	W.byS. 2	W.byS. 3	S. W. 1	1	8	2		11th. Air raw and chilly.
14	29.76	29.78	29.78	51	66	54	57.0	N. E. 2	N. E. 2	S. E. 1	3	9	10		12th. Air raw. Aurora in the evening from 10° to 15° high, without streamers.
15	29.72	29.57	29.33	54	59	49	54.0	S. E. 2	E'ly 2	N. E. 2	10	Rain	Misty	0.12	13th. Very pleasant in the morning. Heavy gusts of wind, with dashes of rain, in the afternoon.
16	29.22	29.17	29.22	48	62	54	54.7	N.N.E. 2	N.N.E. 2	N. W. 2	Misty	10	2		
17	29.22	29.18	29.20	54	73	57	61.3	W'ly 2	S. W. 2	S. W. 2	2	10	8		
18	29.35	29.44	29.66	47	67	44	52.7	N. W. 2	N. W. 3	N. W. 1	3	2	0		14th. Pleasant.
S 19	29.76	29.73	29.71	47	65	49	53.7	N. W. 2	N. W. 2	S. W. 1	0	3	0		15th. Moderate rain nearly all day.
20	29.88	29.85	29.86	49	58	48	51.7	S. E. 2	S. E. 2	N. W. 2	3	8	Rain	0.50	16th. Mist, and occasional showers. Cleared about 9 P. M.
21	29.90	29.93	29.98	48	53	46	49.0	S. E'ly 2	N. W. 1	W'ly 1	Rain	10	5		17th. Sprinkling of rain at 3 P. M. Heavy thunder, with rain, from 7 to 8 P. M.
22	30.03	30.04	30.04	42	63	47	50.7	N. W. 1	S. W. 2	S'ly 1	5	3	5	0.18	18th. Fine.
23	30.02	30.04	29.98	45	55	46	48.7	N. W. 2	N. E. 2	N. E. 2	Rain	10	10		19th. Very fine.
24	29.91	29.89	30.01	45	65	47	52.3	N. 2	S. E'ly 2	S'ly 1	5	4	2		20th. Dashing rain at 1 P. M. Thunder and rain at 8 P. M., the rain continuing moderate till 9½ P. M.
25	30.04	30.04	30.07	46	57	48	50.3	N. E. 2	N. E. 2	N. E. 2	10	10	Rain		
S 26	29.98	29.92	29.79	48	54	47	49.7	N. E. 2	N. E. 2	N'ly 1	Misty	10	Rain		21st. Showery through the day.
27	29.61	29.49	29.47	46	54	61	53.7	N'ly 2	N'ly 2	N. W. 2	Rain	Rain	10	0.73	22d. Pleasant.
28	29.49	29.63	29.73	61	61	50	57.3	N. W. 2	N. E. 3	N. E. 2	2	10	10		23d. Sprinkling and light showers: quite cool.
29	29.70	29.62	29.61	51	62	52	55.0	N. W. 1	S. E'ly 2	S. E. 1	8	2	10, Sh'r		24th. Pleasant.
30	29.61	29.64	29.70	48	51	46	48.3	N. E. 1	N. E. 1	N. E. 2	Rain	Rain	Misty	0.15	25th. Cloudy, with mist and a light shower in the evening.
31	29.71	29.72	29.80	46	58	46	50.0	N. E. 1	N. E. 2	N. E. 2	10	10	7		26th. Thundershower from 8 to 9 P. M.
Means	29.73	29.70	29.72	47.7	60.0	49.3	...	1.7	2.1	1.4	5.1	7.6	5.4	5.00	27th. Heavy thundershower from 5 to 6 A. M. Showery during the day.
									1.7			6.0			28th. Very warm till 10 A. M., when the wind changed from N. W'ly to N. E., and the air immediately became cooler. Occasional light showers.
REDUCED TO SEA LEVEL.															29th. Sprinkling of rain at 6 A. M.; wind N.W.
Max.	30.22	30.22	30.25	61	76	61	61.7								30th. Rain and mist. Weather very uncomfortable.
Min.	29.40	29.35	29.38	39	48	42	45.3								31st. Sun out occasionally. Light shower at 7 P. M.
Mean	29.91	29.87	29.90												
Range	0.82	0.87	0.87	22	28	19	16.4								
Mean of month			29.893	...	...	...	52.3								
Extreme range			0.90	...	...	...	37.0								

Prevailing winds from some point between—	Days.
N. & E.	10
E. & S.	5
S. & W.	6
W. & N.	10

	Days.
Clear	5
Variable / Cloudy	8
Rain fell on	18

June, 1850. New Moon, 10d. 2h. 11m. A. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 2 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 2 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 2 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.80	29.75	29.74	46	59	45	50.0	N. E. 2	N. E. 2	N. E. 1	10	10	3		1st. Very cool. Sun out occasionally in the afternoon. Evening mostly clear.
S 2	29.74	29.70	29.75	47	74	55	58.7	N'ly 1	N. by E. 2	N. W'ly 1	2	7	5, Spr.		2d. Pleasant. Sprinkling of rain about 6 P. M.
3	29.82	29.82	29.87	54	74	54	60.7	N. W. 2	N. W. 2	S. W'ly 1	3	5	0, Spr.		3d. Sprinkling of rain at 4 P. M., and again, with thunder, from 6 to 7 P. M.
4	29.98	30.01	30.09	55	72	59	62.0	N. by E. 2	N. E. 2	N. W'ly 1	3	0	2		4th. Pleasant.
5	30.14	30.11	30.14	56	82	59	65.7	N'ly 1	N. by E. 2	S. W. 1	0	0	0		5th, 6th, and 7th. Very fine.
6	30.14	30.06	30.07	58	72	58	62.7	S. by W. 2	S. by E. 3	S'ly 1	1	2	0		8th. Light shower, with thunder, at 3 P. M.
7	29.99	29.88	29.82	58	73	60	63.7	S'ly 1	S. E'ly 2	S'ly 1	1	1	0		9th. Very hot sun at mid-day.
8	29.69	29.58	29.63	59	78	64	67.0	S'ly 2	S. E'ly 2	S'ly 1	3	8	10, Spr.		10th. Heavy rain in the morning. Sun out from 1 to 2 P. M. Heavy showers from 3 to 5 P. M. Evening very clear and cool.
S 9	29.57	29.52	29.55	64	82	66	70.7	N. W. 1	N. W. 1	S. W'ly 1	10	3	8		
10	29.44	29.25	29.43	63	76	55	64.7	S. W. 2	S. W. 2	N. W. 2	Rain	7, Spr.	0	1.00	11th. Dashes of rain at 1 P. M. Evening clear.
11	29.67	29.77	29.89	51	64	54	56.3	N. W. 3	N. W. 2	N. W. 1	8	9	0		12th. Pleasant. Evening very fine.
12	29.88	29.82	29.73	53	79	58	63.3	N. W. 1	S. W. 3	W'ly 2	2	6	0		13th. Sun very hot.
13	29.69	29.63	29.67	63	85	66	71.3	S. W. 2	S. W. 3	S. W. 1	5	1	0		14th. Very fine.
14	29.67	29.66	29.70	64	84	69	72.3	S. W. 2	S. W. 2	S. W. 1	4	3	0		15th. Sprinkling of rain at 8 A. M.
15	29.74	29.73	29.78	63	80	62	71.7	S'ly 1	N'ly 2	N. W. 2	Spr., 7	2	8		16th, 17th, and 18th. Very fine.
S 16	29.95	29.96	29.96	58	73	57	62.7	N. E. 2	N. E. 1	S'ly 1	0	0	0		19th. Very hot.
17	29.97	29.93	29.93	54	72	57	61.0	S. W'ly 1	S. W. 2	S. W. 1	1	0	0		20th. At 2 P. M., the thermometer stood at 93°. At 3 h. 20 m. P. M., the wind changed from S. W. to N. W., and was quite gusty, accompanied with thunder. At 4 P. M., sprinkling of rain. At 4½ P M., the thermometer had fallen to 78°, being 15° in two hours. Light thundershower from 8 to 9 P. M.
18	29.92	29.86	29.88	59	88	65	70.7	S. W. 1	S. W. 2	S. W. 2	0	0	5		
19	29.89	29.81	29.79	67	89	75	77.0	S. W. 2	S. by E. 1	S. W. 2	5	3	6		
20	29.79	29.73	29.71	75	93	73	80.3	S. W. 1	S. W. 2	N. W. 1	3	5	10, Sh'r	0.10	
21	29.78	29.78	29.91	70	86	66	74.0	N. W. 2	N'ly 2	S'ly 1	2	4	2		21st. Fine.
22	30.03	29.98	29.96	65	75	60	66.7	S'ly 1	S'ly 2	S'ly 2	5	...	10		22d. Pleasant. Appearances of rain in the evening.
S 23	29.82	29.74	29.72	63	70	64	65.7	E. by S. 2	E'ly 1	W'ly 1	Rain	10	10	0.40	23d. Fine showers in the morning. Sun out occasionally in the afternoon.
24	29.73	29.73	29.75	62	79	65	68.7	N'ly 1	N. W. 2	S'ly 1	10	3	0		24th. Very fine.
25	29.77	29.74	29.81	62	77	61	66.7	N. W. 1	N. W. 1	N. W. 1	0	3	0, Sh'r	0.10	25th. Pleasant. Brisk shower from 5 to 6 P. M.
26	29.80	29.83	29.73	62	78	66	68.7	N. W. 2	N. W. 3	N. W. 2	0	2	5		26th and 27th. Pleasant.
27	29.78	29.76	29.75	64	84	68	72.0	S. W. 3	S. W. 2	S. W. 2	8	4	10		28th. Occasional mist, with appearances of rain.
28	29.72	29.71	29.72	65	80	70	71.7	E'ly 1	S'ly 1	S'ly 1	Misty	10	Misty		29th. Very heavy rain about 2 o'clock this morning.
29	29.65	29.57	29.64	65	87	75	75.7	S'ly 1	S. W. 2	S. W. 1	10, Sh'r	5	2	1.00	30th. Very warm. Evening clear and very still.
S 30	29.64	29.62	29.63	75	89	72	78.7	S. W. 1	S. W. 3	N. W. 0	8	5	0		
Means	29.81	29.77	29.79	60.7	78.3	62.6	...	1.6	2.0	1.2	4.7	4.1	3.2	2.60	
									1.6			4.0			
REDUCED TO SEA LEVEL.															
Max.	30.32	30.29	30.32	75	93	75	80.3								
Min.	29.62	29.43	29.61	46	59	45	50.0								
Mean	29.99	29.94	29.97												
Range	0.70	0.86	0.71	29	34	30	30.3								
Mean of month			29.967	...	...	...	67.2								
Extreme range			0.89	...	...	...	48.0								

Prevailing winds from some point between—	Days.
N. & E.	3
E. & S.	5
S. & W.	12
W. & N.	10

	Days.
Clear	7
Variable, Cloudy	14
Rain fell on	9

July, 1850. New Moon, 9d. 9h. 19m. A. M.

	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.		
1	29.65	29.63	29.73	72	85	64	73.7	S. W. 2	N. E. 2	N. E. 2	5	7, Sh'r	10		1st. Very hot and sultry in the morning. Light showers at 2 P. M. Wind came to N. E., and grew cooler fast.
2	29.77	29.78	29.84	61	71	61	64.3	N. E. 2	N. E. 2	N. E. 2	10	10	10		2d. Quite cool.
3	29.82	29.78	29.75	61	66	64	63.7	N. E. 2	E'ly 2	E'ly 1	10	Rain	10	0.15	3d. Commenced raining moderately at noon. Light rain and mist in the afternoon.
4	29.75	29.73	29.74	63	79	70	70.7	W'ly 1	S. E. 2	S'ly 2	10	8	0		4th. Pleasant.
5	29.69	29.60	29.53	70	91	78	79.7	S'ly 1	W'ly 2	W'ly 1	10, Sh'r	3	Shower		5th. Very warm. Sprinkling of rain at 7 A. M. Light shower at 9 P. M. Heavy thunder and rain about midnight.
6	29.50	29.50	29.62	72	84	67	74.3	N. W. 2	N. W. 2	N. W. 1	3	2	0	0.35	6th to 10th. Very fine.
S 7	29.74	29.72	29.71	65	81	66	70.7	N. W. 2	N. W. 3	N. W. 2	0	6	0		11th. Very fine. Aurora quite bright from 9 to 10 P. M., with faint narrow streamers shooting up nearly to the zenith.
8	29.73	29.74	29.78	67	80	65	70.7	N. W. 2	N. W. 2	N. W. 1	0	2	0		12th. Very fine.
9	29.81	29.82	29.88	59	81	61	67.0	N. W. 1	N. W. 2	E'ly 1	0	4	0		13th. Pleasant.
10	29.96	29.98	30.01	56	79	62	65.7	N. E. 1	N. E. 1	N. E. 1	0	2	0		14th. Clouds thick, with appearances of rain in the evening.
11	30.02	29.98	29.96	56	76	58	63.3	N'ly 1	N. E. 2	N. E. 1	0	0	0		15th. Very warm. Appearances of shower in the evening. The ground is becoming very dry.
12	29.95	29.88	29.88	56	76	63	65.0	N'ly 1	S. E. 2	S. W. 1	0	1	2		16th. Very hot. Sun out at intervals. Sprinkling of rain about 7 A. M.
13	29.89	29.85	29.84	64	80	64	69.3	S. W. 2	S'ly 2	E'ly 2	5	6	0		17th. Very warm. Sprinkling of rain several times.
S 14	29.86	29.84	29.85	70	80	73	74.3	S. W. 2	S. W. 3	S. W. 2	9	10	10		18th. Very burning sun at intervals. Cloudy for the greater part of the day.
15	29.88	29.85	29.92	73	88	75	78.7	S. W. 2	S. W. 3	S. W. 1	10	5	10		19th. Rain began very moderately between 5 and 6 A. M. Storm heavy, with rain and wind from 10 A. M. to 2 P. M. Clouds broken, with clear sky in patches at sunset.
16	29.97	29.96	29.99	74	89	74	79.0	S. W. 2	S. W. 2	S. W. 2	9	8	10		20th. Sprinkling of rain at different times.
17	29.99	29.96	29.94	74	88	76	79.3	S. W. 2	S. W. 2	S. W. 1	8	7	10		21st. Pleasant. Clouds abundant.
18	29.91	29.83	29.83	75	85	74	78.0	S. W. 2	S. W. 3	S. E'ly 1	10	3	9		22d. Brisk shower at 1½ P. M.
19	29.79	29.58	29.56	74	76	72	74.0	S. E. 3	S. E. 4	S. E. 3	Rain	Rain	10	1.00	23d. Very sultry.
20	29.58	29.61	29.73	69	77	70	72.0	S. W. 2	S. W. 2	S. W. 1	8	Rain	8		24th. Very fine.
S 21	29.76	29.74	29.76	68	84	74	75.3	S. W. 1	S'ly 2	S'ly 1	3	2	5		25th. Very hot. Sprinkling of rain from 4 to 6 P. M.
22	29.76	29.79	29.86	67	83	72	74.0	N. E. 1	N. E. 2	S'ly 1	1	3, Sh'r	0	0.10	26th. Very fine.
23	29.87	29.90	29.91	72	90	71	77.7	N'ly 1	N. E'ly 1	S'ly 1	2	7	1		27th. Very pleasant.
24	29.92	29.85	29.80	66	86	73	75.0	N'ly 1	S. E'ly 2	S. W. 2	3	2	0		28th. Copious rain from 3 to 4 A. M.
25	29.70	29.65	29.75	71	92	70	77.7	S. W. 1	W'ly 2	N. W. 2	3	4	3		29th. Copious rain from 3½ to 5 A. M., with thunder. Evening clear.
26	29.87	29.85	29.84	58	71	62	63.7	N. E. 2	N. E. 2	N. W. 2	2	7	1		30th. Very sultry in the morning. Wind came round from S. W. to N. E, from 4 to 6 P. M., with thunder and sprinkling of rain.
27	29.89	29.84	29.86	54	80	66	66.7	N. W. 1	S. W. 1	S'ly 1	1	4	9		31st. Very sultry and damp.
S 28	29.86	29.84	29.83	64	74	72	70.0	S'ly 2	S'ly 2	S. W. 2	Rain	10	10	0.75	
29	29.75	29.70	29.66	74	84	75	77.7	S. W. 2	S. W. 2	S. W. 2	Rain	10	0		
30	29.70	29.67	29.67	75	88	70	77.7	S. W. 2	S. W. 2	N. E. 2	5	5	10		
31	29.75	29.76	29.83	68	86	72	75.3	N. E. 1	E'ly 2	S. E. 2	10	3	4		
Means	29.81	29.78	29.80	66.7	81.6	68.8	...	1.6	2.1	1.5	5.4	5.5	4.9	2.35	
									1.7			5.3			
REDUCED TO SEA LEVEL.															
Max.	30.20	30.16	30.19	75	92	78	79.7								
Min.	29.68	29.68	29.71	54	66	58	63.3								
Mean	29.98	29.95	29.97												
Range	0.52	0.48	0.48	21	26	20	16.4								
Mean of month			29.967	...	...	...	72.4								
Extreme range			0.52	...	...	...	38.0								

Prevailing winds from some point between—	Days.
N. & E.	9
E. & S.	5
S. & W.	12
W. & N.	5

	Days.
Clear	8
Variable, Cloudy	10
Rain fell on	13

August, 1850. New Moon, 7d. 4h. 25m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 2 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 2 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 2 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.78	29.65	29.75	70	86	73	76.3	S. E. 2	S. W. 3	S. W. 1	Rain	9	1	0.50	1st. Light thundershower between 7 and 8 A. M. Shower again from 5 to 6 P. M.
2	29.72	29.72	29.74	71	80	72	74.3	N'ly 2	N. E. 2	S. W'ly 1	Rain	8	5		2d. Rain till 9 A. M.
3	29.75	29.73	29.73	68	80	72	73.3	W'ly 2	S. W. 2	S. W. 2	Foggy	Rain	5		3d. Light shower, with thunder, at 2 P. M.
S 4	29.70	29.66	29.74	72	82	73	73.7	S'ly 2	S. by E. 2	S'ly 2	Rain	3	0	0.30	4th. Moderate rain, with thunder, from 4 to 7 A. M.
5	29.74	29.74	29.74	74	85	71	76.7	S'ly 2	S. W'ly 2	S. W. 2	10	9	4		5th. Very sultry.
6	29.78	29.75	29.73	70	85	70	75.0	W'ly 1	S. W. 2	S. W. 2	6	5	Rain	2.25	6th. Sun very scorching in the morning. Powerful rain, with thunder, from 3½ to 6 P. M.
7	29.73	29.72	29.82	68	82	69	73.0	N. W. 2	N. E. 1	N. W. 1	3	1	Sh'r, 2	0.25	Light showers in the evening.
8	29.90	29.87	29.86	64	76	66	68.7	N. 2	N. E. 3	S. E. 2	0	2	3		7th. Brisk shower, with thunder, from 7 to 8 P. M.
9	29.77	29.63	29.54	64	73	70	69.0	S. W. 2	S. W. 2	S. W. 1	10	Rain	0		8th. Very pleasant.
10	29.48	29.55	29.65	69	80	61	70.0	W'ly 1	N. W. 2	N. W. 1	3	2	0		9th. Sprinkling of rain at 2 P. M. Clear evening, very damp, with flashes of lightning low down in the east.
S 11	29.76	29.74	29.84	56	74	59	63.0	N. W. 2	N. W. 2	N. W. 1	0	1	0		
12	29.85	29.77	29.73	54	80	70	68.0	W'ly 1	W'ly 3	S. W. 2	2	6	0		10th. Evening very clear. Forty-four shooting stars were counted from about 7¾ to 10 o'clock. The greater number moved towards the S.W. Of the above number, some ten or twelve were very bright, leaving behind them a streak of light some 10° or 15° in length, which continued not more than three seconds; some near the zenith—all pretty high up.
13	29.68	29.66	29.48	68	86	72	75.3	W by S. 2	S. W. 2	S. W. 2	6	3	Rain	1.80	
14	29.49	...	29.72	67	70	60	65.7	N'ly 2	...	N. E. 1	Rain	...	0	0.05	
15	29.72	29.76	29.82	59	63	59	60.3	N. E'ly 1	N. E. 1	N. E. 1	9	Rain	10		
16	29.82	29.75	29.78	60	75	59	64.7	N. E. 1	S. W. 2	N. W. 2	8	8	0		
17	29.84	29.84	29.97	49	68	54	57.0	N. W. 2	N. W. 2	N. W. 1	0	1	0		
S 18	29.99	29.92	29.90	49	68	52	56.3	N'ly 1	N. by E. 2	N. E. 1	0	7	0		
19	29.86	29.81	29.87	49	73	60	60.7	N. by E. 1	N. E. 2	E'ly 1	0	4	3		11th and 12th. Very fine.
20	29.85	29.84	29.87	52	70	60	60.7	N'ly 1	N. E. 3	N. E. 2	2	5	9		13th. Began to rain moderately from 7 to 8 P. M., which was heavy at intervals during the night.
21	29.85	29.79	29.77	57	79	63	66.3	N. W. 3	N. W. 3	N. W. 1	0	1	0		14th. Rain ceased about 7 A. M. Clear in the afternoon and evening.
22	29.67	29.61	29.63	57	77	62	65.3	N. W. 3	N. W. 4	N. W. 1	0	1	0		15th. Light showers in the morning; quite cool.
23	29.62	29.62	29.63	56	77	68	67.0	N. W. 2	W. 4	W'ly 2	4	5	2		16th. Cool; massive clouds abundant. Very clear at 10 P. M.
24	29.62	29.62	29.64	65	84	72	73.7	W. 1	S. W. 1	S. W. 1	0	4	2		
S 25	29.57	29.37	29.10	69	68	63	66.7	S. E. 3	E. 5	W'ly 5	10	Rain	10	2.50	17th. Very cool, and air extremely dry. Dew-point 45°.
26	29.38	29.40	29.47	64	83	64	70.3	W. 2	S. W. 2	N. W. 2	0	1	0		18th. Very cool. Heavy clouds at mid-day. Evening very clear.
27	29.61	29.66	29.88	59	76	58	64.3	N. W. 2	N. W. 3	N. W. 1	0	5	0		19th. Wind, in the region of clouds, N. W.; on the ground, N. E.
28	29.98	30.02	30.01	52	72	61	61.7	N. W. 1	N. W. 1	S'ly 1	0	0	0		20th. Variable.
29	30.03	30.03	30.03	56	80	66	67.3	W. 1	S. W. 1	W. 1	0	2	0		21st and 22d. Very fine.
30	30.04	30.02	29.99	59	76	66	67.0	S. W. 1	S. 3	S. W. 1	2	2	0		23d. Pleasant.
31	29.97	29.94	29.89	67	72	65	68.0	S. W. 2	S. E. 3	S'ly 1	4	3	0		24th. Hazy at times.
Means	29.76	29.74	29.75	61.7	76.8	65.0	...	1.7	2.3	1.5	4.2	4.6	2.5	7.65	25th. Began to rain moderately about 7 A. M. Rain increased, and was heavy through the day; ceased about 6 P. M.
									1.8			3.8			26th. Fine.
REDUCED TO SEA LEVEL.															27th. Very fine.
Max.	30.22	30.21	30.21	74	86	73	76.7								28th. Pleasant.
Min.	29.56	29.55	29.28	49	63	52	56.3								29th. Very pleasant.
Mean	29.93	29.91	29.92												30th. Hazy at 1 P. M.
Range	0.46	0.46	0.93	25	23	21	20.4								31st. Fog-clouds in the morning. Light shower during the night.
Mean of month			29.920	...	...	...	67.8								
Extreme range			0.94	...	...	...	37.0								

Prevailing winds from some point between—	Days.
N. & E.	7
E. & S.	4
S. & W.	12
W. & N.	8

	Days.
Clear	11
Variable	10
Cloudy	
Rain fell on	11

September, 1850. New Moon, 6d. 0h. 20m. A. M.

	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.		
S 1	29.87	29.87	30.00	70	81	68	73.0	S. 2	S. by E. 2	S'ly 1	9	3	0		1st. Sprinkling of rain from 2 to 3 P. M.
2	30.01	29.96	29.95	63	83	73	73.0	S. E. 1	S. by E. 2	S. E'ly 2	Foggy	5	10		2d. Light fog at sunrise. Sprinkling of rain at 4 P. M. Air very damp.
3	29.87	29.74	29.86	72	78	66	72.0	S'ly 2	N. W. 1	N'ly 1	10, R'n	10	0	2.00	3d. Heavy rain from 2 to 4 A. M.; again from 9 to 12 A. M.; wind S'ly. Clouds broken at 2 P. M. Evening clear, with aurora low down, but rather bright.
4	29.87	...	29.84	59	...	63	...	N. W. 2	...	N. W. 1	0	...	0		
5	29.85	...	29.78	63	...	68	...	S. E'ly 1	...	S'ly 1	Foggy	...	10		
6	...	29.80	29.94	...	81	72	...	...	S. E. 2	S. W'ly	...	2	Hazy		4th. Very fine.
7	29.90	29.87	29.78	73	72	66	70.3	S. E. 2	S. E. 1	N. E. 2	10	Rain	Rain	2.00	5th. Air very damp, with appearance of rain.
S 8	29.43	29.44	29.71	65	68	63	65.3	N. E. 2	N. W. 2	N. W. 1	Rain	10	0		6th. Very fine.
9	29.80	29.78	29.86	54	71	61	62.0	N. W. 1	N. W. 2	N. W. 1	0	1	Hazy		7th. Began to rain moderately at 8½ A. M.; Rained heavily at intervals through the day and evening.
10	29.87	...	29.82	59	...	58	...	N. W. 1	...	S. W. 1	1	...	0		
11	29.70	29.59	29.65	59	77	53	63.0	S. W. 1	S. W. 2	N. W. 1	Foggy	5	Shower	0.25	8th. Rain in the morning. Clouds broken at 1 P. M. Evening clear.
12	29.75	29.65	29.78	51	63	48	54.0	N. W. 1	N. W. 3	N. W. 2	0	2	0		9th. Very fine.
13	29.66	29.67	29.82	45	64	48	52.3	N. W. 1	N. W. 2	N. W. 1	0	3	0		10th. Aurora in evening, with faint streamers.
14	29.74	29.69	29.74	46	67	52	55.0	N. W. 2	N. W. 1	N. W. 2	5	8	2		11th. Heavy gust of rain and wind from N. W. at 4½ P. M.
S 15	29.75	29.76	29.89	48	64	53	55.0	N. W. 2	N. E. 1	N. E. 1	0	3	2		12th. Very cool.
16	29.96	29.95	30.01	47	65	50	54.0	N. by E. 1	N. E. 2	N'ly 1	Foggy	5	0		13th and 14th. Very fine.
17	30.05	29.93	29.92	45	65	48	52.7	N. by E. 1	N. E. 2	N. E. 1	0	0	0		15th. Pleasant.
18	29.79	29.72	29.66	45	68	55	56.0	N. E. 1	N. E. 2	N. W. 1	9	3	Foggy		16th. Pleasant. Evening very clear and still.
19	29.66	29.59	29.56	55	72	60	62.3	N. E. 1	S. W. 1	S. W. 2	Foggy	2	8		17th Very fine, but cool.
20	29.60	29.65	29.83	57	72	55	61.3	N. W. 1	N. W. 2	N. W. 1	2	2	1		18th. Pleasant.
21	29.97	29.98	30.03	51	70	54	58.3	N. W. 2	E'ly 1	S. E'ly 1	0	2	0		19th. Foggy in the morning. Air damp through the day.
S 22	30.06	30.03	30.03	53	69	56	59.3	S. E'ly 2	S. E. 2	S. E. 1	0	0	0		20th to 23d. Very fine.
23	29.99	29.93	29.95	59	74	55	62.7	S. W. 2	S. W. 3	S. W. 1	8	0	0		24th. Air damp. Appearances of rain in the evening.
24	29.87	29.75	29.72	55	75	62	64.0	S. W. 2	S. W. 3	S. W. 2	5	8	10		25th. Pleasant. Wind E. of N. in the afternoon, while the clouds came from N. W.
25	29.85	29.81	29.83	58	71	57	62.0	N. W. 2	N. by E. 2	N. E. 2	2	7	8		26th. Light rain and mist during the day and evening.
26	29.85	29.81	29.79	53	58	55	55.3	N. E. 2	S. E. 2	E'ly 2	10, R'n	10	Misty		27th. Light rain and mist in morning. Heavy shower, with thunder, from 10 to 11 P. M.
27	29.75	29.65	29.56	54	58	56	56.0	N'ly 2	N'ly 1	N. W'ly 2	R'n, m't	Misty	Rain	0.75	28th. Pleasant. Clouds heavy at times.
28	29.47	29.45	29.61	60	69	61	63.3	S. W. 2	S. W. 3	N. W. 2	8	3	0		29th. Very cool.
S 29	29.71	29.76	29.94	47	58	44	49.7	N. W. 2	N. W. 3	N. W. 2	0	0	0		30th. A very brilliant meteor was seen, at three or four minutes before 9 P. M., to pass from a point near Epsilon Persei to Atik Persei, in the left foot of which it exploded, forming a dense mass of light, which gradually spread and declined in brightness, but remained visible twenty minutes. A bright streak of light marked, for some time, the path over which it passed.
30	30.09	30.06	30.07	39	58	45	47.3	N. W. 2	N. W. 2	S. W.	0	0	0		
Means	29.82	29.77	29.83	55.4	69.3	57.5	...	1.1	1.9	1.4	5.0	4.2	4.0	5.00	
									1.6			4.4			
REDUCED TO SEA LEVEL.															
Max.	30.27	30.24	30.25	73	83	73	73.0								
Min.	29.61	29.62	29.74	39	58	44	47.3								
Mean	30.00	29.94	30.01												
Range	0.66	0.62	0.51	34	25	29	25.7								
Mean of month			29.983	...	...	...	60.7								
Extreme range			0.66	...	...	...	44.0								

Prevailing winds from some point between—	Days.
N. & E.	6
E. & S.	6
S. & W.	7
W. & N.	11

	Days.
Clear	12
Variable	10
Cloudy	
Rain fell on	8

October, 1850. New Moon, 5d. 9h. 48m. A. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.		
1	30.01	29.89	29.89	42	64	50	52.0	S. W. 1	S. W. 2	S. W. 1	5	0	0	0.15	1st. Very fine. Aurora in the evening quite bright, with faint streamers rising 25° or 30°.
2	29.72	...	29.47	47	...	49	...	S. W. 1	...	N. W. 1	10	Rain	0		2d. Light rain in the afternoon. Clear in the evening. Aurora bright from 7 to 8 P. M., with streamers rising to the height of 45°.
3	29.43	29.48	29.63	44	54	46	48.0	N. W. 2	N. W. 3	N. W. 2	0	2	0		3d, 4th, and 5th. Very fine.
4	29.83	29.83	29.85	41	63	46	50.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		6th. Mist at sunrise; wind S. W. At 8 A. M., wind fresh at N. W., and clouds broken.
5	29.87	29.79	29.74	45	68	55	56.0	S. W. 1	S. W. 2	S. W. 1	0	0	1		7th. At 11 P. M., thermometer in the garden 35°. This morning, first appearance of white frost in the College yard.
S 6	29.64	29.67	29.80	57	63	44	54.7	S. W. 1	N. W. 2	N. W. 1	10	1	1		8th. Heavy frost this morning. Thermometer in the garden 29°. The first frost to injure plants in the garden.
7	29.85	29.84	30.00	37	51	37	41.7	N. W. 2	N. W. 3	N. W. 1	0	3	0		9th. Very pleasant. Air soft, with light haze.
8	29.96	29.86	29.87	31	53	45	43.0	N. W. 1	W'ly 2	S. W. 1	0	3	Hazy		10th. Very fine.
9	29.82	29.82	29.90	43	68	53	54.7	S. W. 1	S. W. 1	S. W. 1	2	7	0		11th. Thick fog at sunrise. Occasional mist.
10	30.01	30.05	30.08	53	68	54	58.3	S. W. 1	S'ly 1	S. W. 1	2	1	0		12th. Sprinkling of rain from 5 to 6 A. M. and in the afternoon. Evening gusty.
11	29.98	29.84	29.69	52	63	57	57.3	S. E'ly 1	S. E. 2	S'ly 1	Foggy	10	2		13th. Pleasant. Air very dry.
12	29.45	29.37	29.42	59	72	55	62.0	S. W. 2	W'ly 2	W. 3	Shower	8	8		14th. Pleasant. Evening very clear.
S 13	29.49	29.48	29.58	47	55	44	48.7	N. W. 3	N. W. 3	N. W. 1	0	3	1		15th and 16th. Very fine.
14	29.44	29.59	29.65	42	61	46	49.7	N. W. 1	W'ly 3	N. W. 1	5	0	0		17th. Heavy fog in the morning. Air damp all day.
15	29.81	29.75	29.85	38	60	48	48.7	N. W. 2	N. W. 3	N. W. 1	0	1	0		18th. Air damp, with occasional sprinkling of rain and light showers.
16	29.88	29.79	29.75	46	66	51	54.3	N. W. 2	W'ly 2	W'ly 1	0	0	0		19th. Pleasant.
17	29.69	29.65	29.68	54	68	62	61.3	S'ly 1	S. W. 2	S. W. 1	Foggy	5	9		20th. Air rather raw
18	29.69	29.56	29.49	60	64	63	62.3	S'ly 1	S. W'ly 1	S. W. 1	Rain	0	Rain	0.80	21st. Evening remarkably clear.
19	29.33	29.41	29.58	61	68	53	60.7	S. W'ly 1	W. by S. 1	N. W. 2	10	3	9		22d. Very pleasant.
S 20	29.61	29.46	29.48	42	55	45	47.3	N. W. 2	N. E. 2	N. W. 1	8	8	5		23d. Warm. Air damp.
21	29.62	29.60	29.72	43	55	43	47.0	N. W. 2	N. W. 3	N. W. 1	5	5	0		24th. Air damp, but not raw.
22	29.73	29.69	29.70	43	63	54	53.3	S. W. 1	S. W. 2	S. W. 1	3	5	0		25th. Occasional sprinkling of rain in the afternoon and evening.
23	29.67	29.68	29.72	57	66	59	60.7	S. W. 2	S. by E. 2	S'ly 1	9	9	8		26th. Sprinkling in the morning. Moderate but steady rain in the afternoon. At 10 P. M., clouds broken and stars appearing.
24	29.69	29.75	29.87	63	71	60	64.7	S. W'ly 3	S. W'ly 2	S. W. 2	10	9	10		27th. Showery and gusty during the day.
25	29.89	29.82	29.79	60	71	62	64.3	S'ly 1	S'ly 1	S. W'ly 1	Foggy	9	8, Sh'r		28th. Pleasant.
26	29.67	29.65	29.36	63	65	60	62.7	S. W'ly 3	S. E. 2	S. W'ly 2	Rain	Rain	6	1.15	29th. Fine, but cool.
S 27	29.26	29.19	29.42	52	55	44	50.3	S. W. 2	S. W. 2	N. W. 3	4	Rain	0		30th. At sunrise, thermometer in garden 27°. Pools of water skimmed over with ice.
28	29.79	29·76	29.68	36	56	49	47.0	S. W. 2	W by N. 2	S. W. 1	0	5	5		31st. Very fine.
29	29.90	29.90	30.00	40	46	36	40.7	N. W. 2	N. W. 2	N. W. 1	0	0	0		
30	30.02	29.96	29.98	29	51	39	39.7	N. W. 1	W'ly 1	W'ly 1	0	0	0		
31	30.06	29.99	30.06	36	60	42	46.0	W'ly 1	S'ly 1	S. W'ly 1	3	0	0		
Means	29.74	29.70	29.73	47.2	61.4	50.0	...	1.6	1.6	1.3	4.7	4.1	2.9	2.10	
								1.5			3.9				
REDUCED TO SEA LEVEL.															
Max.	30.24	30.23	30.26	63	72	63	64.7								
Min.	29.44	29.37	29.54	29	46	36	39.7								
Mean	29.92	29.87	29.91												
Range	0.80	0.86	0.72	34	26	27	25.0								
Mean of month			29.900	...	...	...	52.9								
Extreme range			0.89	...	...	...	43.0								

Prevailing winds from some point between—	Days.
N. & E.	0
E. & S.	2
S. & W.	16
W. & N.	13

	Days.
Clear	10
Variable, Cloudy	15
Rain fell on	6

November, 1850. New Moon, 3d. 9h. 32m. P. M.

	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.		
1	30.08	29.99	30.06	44	63	52	53.0	S. W. 1	S. W. 1	S'ly 1	2	3	6		1st. Pleasant.
2	30.08	30.05	30.10	54	64	54	57.3	S. W'ly 1	S. W. 1	S. W. 1	10	9	8		2d. Very mild.
S 3	30.05	29.98	30.03	53	62	50	55.0	S. W. 1	S'ly 1	S'ly 1	Foggy	9	Foggy		3d. Mild, with some appearances of rain.
4	30.03	29.99	30.07	48	58	47	51.0	N. E. 1	N. E. 1	N. E. 1	Foggy	2	0		4th and 5th. Pleasant.
5	30.11	30.10	30.10	46	60	54	53.3	S. W'ly 1	S. by E. 2	S. W. 2	10	3	10		6th. Mild. Appearances of rain in the evening.
6	30.02	29.89	29.85	55	60	58	57.7	S. W. 3	S. W. 2	S. W. 2	10	10	10		7th. Cooler. Evening remarkably clear.
7	30.03	30.06	30.00	46	47	36	43.0	N'ly 2	N. by E. 2	N. W. 1	9	1	0		8th. Began to sprinkle at 6 P. M. Light rain; wind N. E.
8	30.02	29.91	29.83	31	52	41	41.3	N'ly 1	S. E'ly 1	N. E. 2	5	9	Rain		9th. Day gusty. Evening still and very clear.
9	29.73	29.77	29.84	41	56	37	44.7	N'ly 2	N. E. 3	N. W. 1	10	2	0		10th. Blustering at mid-day. Evening still and very clear.
S 10	29.94	29.86	29.95	39	53	41	44.3	N. W. 1	N. W. 3	N. W. 1	1	3	0		11th. Pleasant. Evening calm; clouds at the south.
11	29.95	29.80	29.78	39	61	41	47.0	N. W. 1	W'ly 1	N. W. 1	0	3	2		12th. From 4 to 6 P. M., the wind came round from N. W., through S. and E., to N. E., and became quite fresh.
12	29.72	29.64	29.57	39	55	45	46.3	N. W. 2	S. W. 1	N. E. 3	9	10	10		13th Evening still and clear. No meteors were observed, though a look-out was kept up till a late hour in the evening.
13	29.67	29.70	29.77	38	47	35	40.0	N'ly 2	N. E. 2	N. E. 1	2	0	0		14th. Very fine.
14	29.82	29.86	29.86	30	50	38	39.3	N. 2	N. W. 1	N. E. 2	0	0	0		15th. Very bright fog-bow about the moon in the early part of the evening
15	29.90	29.90	29.91	32	49	41	40.7	N. W'ly 1	S. E. 1	S. E'ly 1	1	0	4		16th. Began to rain moderately at 8 P. M. Heavy rain during the night.
16	29.92	29.85	29.71	43	56	46	48.3	S. E. 2	S. E. 2	S. E'ly 1	10	10	Rain	1.20	17th. Misty in the morning. Clouds broken in the afternoon. Evening gusty.
S 17	29.32	29.22	29.26	46	55	42	47.7	N. E. 1	W'ly 2	S. W. 3	Misty	Misty	10		24th. Pleasant, but cold.
18	29.26	29.37	29.51	37	46	36	39.7	W S W. 3	W. by S. 3	W. 3	5	7	0		25th. Very fine.
19	29.48	29.51	29.67	38	48	36	40.7	W. S W. 4	N. W. 3	N. W. 1	3	2	0		26th. Sprinkling of rain in the morning. Fog in the evening.
20	29.75	29.74	29.74	31	47	38	38.7	N. W. 1	N. W. 1	N. E. 1	2	3	10		27th. Foggy in the morning. Stars out at 8 P. M. Thick clouds at 10 P. M.
21	29.56	29.47	29.56	35	45	31	37.0	N. W. 1	N. W. 3	W'ly 3	10	7	0		28th. Cold mist in the afternoon and evening.
22	29.79	29.80	29.88	28	40	29	32.3	N. W. 1	N. W. 1	N. W. 1	0	0	0		29th. Mist, with occasional light rain. Heavy showers in the night.
23	29.87	...	29.79	24	...	29	...	N. W. 1	...	E'ly 1	1	8	8		30th. Cloudy in the morning. Evening clear.
S 24	29.71	29.61	29.61	26	33	27	28.7	N'ly 2	N. W. 2	N. W. 1	7	0	0		
25	29.73	29.73	29.83	28	43	33	34.7	N. W'ly 1	N. W. 1	N. W. 1	0	0	0		
26	29.87	29.78	29.91	34	39	37	36.7	N. E. 2	N. E. 2	N. E. 1	Rain	10	Foggy		
27	29.93	29.75	29.76	36	50	57	47.7	N. E. 1	S. E'ly 1	S. W. 2	Foggy	10	10		
28	29.87	29.98	29.93	57	39	38	44.7	N. E. 1	N. E. 2	N. E. 2	9	Misty	Misty		
29	29.82	29.80	29.70	35	42	42	39.7	N. E. 2	N. E. 2	S. E'ly 2	Misty	Misty	Foggy	0.90	
30	29.67	29.70	29.76	42	52	37	43.7	N'ly 1	N'ly 1	N. W. 2	10	5	3		
Means	29.82	29.79	29.81	39.2	50.4	40.9	...	1.5	1.7	1.5	6.2	5.2	5.0	2.10	
								1.5			5.5				
REDUCED TO SEA LEVEL.															
Max.	30.29	30.28	30.18	57	64	58	57.7								
Min.	29.44	29.40	29.44	24	33	27	28.7								
Mean	30.00	29.97	29.99												
Range	0.85	0.88	0.74	33	31	31	29.0								
Mean of month			29.987	...	...	...	43.5								
Extreme range			0.89	...	...	...	40.0								

Prevailing winds from some point between—	Days.
N. & E.	8
E. & S.	4
S. & W.	8
W. & N.	10

	Days.
Clear	8
Variable, Cloudy	18
Rain fell on	4

December, 1850. New Moon, 3d. 0h. 8m. P. M.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 2 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 2 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 2 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
S 1	29.75	29.70	29.77	32	51	40	41.0	S. W'ly 2	W'ly 2	W'ly 1	2	2	3		1st. Very pleasant.
2	29.86	...	29.95	31	...	36	...	N'ly 2	...	N. E. 2	9	...	7		2d. Air very raw. Light rain from 8 to 9 A. M.
3	29.95	29.85	29.72	36	44	42	40.7	N. E. 1	E'ly 1	N. E. 2	10	0	Rain	0.33	3d. Air raw. Began to rain from 4 to 5 P. M. Wind E'ly, and rather fresh.
4	29.86	29.93	29.96	41	52	45	46.0	N'ly 1	N. W. 1	N'ly 1	9	7	10		4th. Mild.
5	29.95	29.81	29.85	44	44	39	42.3	N. E. 1	N. E. 1	N. E. 2	Rain	Misty	Rain		5th. Mist and moderate rain.
6	30.00	30.00	29.99	34	38	31	34.3	N'ly 2	N'ly 2	N'ly 2	6	10	Snow		6th. Hail and snow in afternoon and evening.
7	29.73	29.48	29.11	32	37	32	33.7	N. E. 2	N. E. 2	N. E. 2	R'n, sn.	Rain	Misty	1.37	7th. Roofs of houses covered with snow this morning. Cold rain and mist all day.
S 8	29.28	29.50	29.81	28	29	24	27.0	N. W. 3	N. W. 4	N. W. 2	0	1	0		8th. Very blustering through the day. Evening very clear, and wind moderate.
9	29.89	29.84	29.68	23	36	36	31.7	W'ly 2	S. W. 3	S. W. 2	0	10	10		9th. Air raw, with appearances of storm in the evening.
10	29.65	29.64	29.81	32	39	24	31.7	S. W. 2	N. W. 2	N. W. 2	5	2	0		10th. Air raw. Cloudy in the afternoon. Clear at 10 P. M., and cooler.
11	29.89	29.88	29.84	22	34	29	28.3	N. W. 2	S. W. 1	N. W. 2	7	Snow	2		11th. Light snow from S. W. from 11 A. M. to 2 P. M.; ground partly covered with snow. Evening clear.
12	29.79	29.68	29.72	31	43	38	37.3	W'ly 1	W'ly 1	S'ly 1	6	10	10		12th. Air mild. Snow during the night.
13	29.89	30.05	30.12	21	19	11	17.0	N'ly 2	N. W. 2	N. W. 1	10	0	0		13th. Nearly two inches of snow on the ground this morning. Wind fresh and cold at N'ly.
S 15	29.90	29.81	29.87	32	39	32	34.3	S. W. 1	S. W. 2	W'ly	9	10	0		
16	29.88	29.84	29.63	32	43	36	37.0	W'ly 1	S. W. 2	N'ly 2	5	10	Rain	0.65	14th. Pleasant, though cold in the morning.
17	29.37	29.45	29.68	39	40	24	34.3	N. E. 2	N. W. 2	N. W. 3	R'n, m't	10	0		15th. Cloudy during the day. Clear and pleasant in the evening.
18	29.86	29.97	30.14	17	26	20	21.0	W. 2	N. W. 2	N. W. 2	0	0	0		16th. Began to rain moderately from 8 to 10 P. M. Wind N. E'ly.
19	30.19	29.99	29.59	19	22	26	22.3	N. E. 1	N. E. 2	E'ly 2	10	Snow	Rain		17th. Moderate rain in the morning. Clear and gusty in the evening.
20	29.60	29.60	29.84	25	34	20	26.3	N. W. 1	N. W. 1	N. W. 1	10	8	0	0.50	18th. Cold, but not unpleasant. Very clear through the day.
21	29.84	29.64	29.72	17	36	33	28.7	N. W. 2	N. W. 2	N. W. 2	3	0	4		19th. Moderate snow from 8 A. M., with rain in the evening.
S 22	29.84	29.70	29.59	31	37	31	33.0	N. W. 1	N. E. 2	N. E. 2	4	10	Snow		20th. Between four or five inches of wet snow on the ground. Evening clear.
23	28.69	28.52	29.77	37	28	12	25.7	N. E. 2	N'ly 1	N. W. 3	Rain	Misty	10	1.75	21st. Pleasant.
24	29.74	...	30.18	7	...	10	...	N. W. 3	...	N. W. 2	0	...	0		22d. Moderate snow at 7 P. M.; wind light N. E.
25	30.14	...	29.61	11	...	31	...	W. 1	S. W. 2	S. W. 2	3	8	Snow		23d. At 7 A. M., barom. 28.76; wind fresh N. E; raining. At 10 A. M., bar. 28.65; wind light N'ly and mist. At 1.30 P. M., bar. 28.60. At 10 P. M., clouds broken.
26	29.61	29.56	29.58	27	37	30	31.3	W'ly 1	W'ly 1	W'ly 1	0	10	10		24th. Very cold with a piercing wind from N. W.
27	29.65	29.67	29.76	24	36	28	29.3	W'ly 1	W'ly 2	W'ly 1	0	5	0		25th. Cloudy in the afternoon. Began to snow moderately at 8 P. M. Wind light S. W.
28	29.88	...	29.79	24	...	32	...	W'ly 1	...	N. E. 2	3	...	Snow		26th. About a half inch of fresh snow on ground.
S 29	29.34	29.58	29.85	17	21	24	20.7	N. E. 3	N. W'ly 2	W'ly 1	Snow	10	10	1.25	27th. Pleasant. Evening still and very clear.
30	30.09	30.20	30.33	9	17	10	12.0	N. W. 2	N. W. 1	N. W. 1	0	7	0		28th. Pleasant morning. Cloudy in afternoon. Wind came to N. E. about 3 P. M. Began to snow moderately at 7 P. M.
31	30.28	30.20	29.76	8	20	23	17.0	N. W. 1	N'ly 1	N'ly 1	7	10	Snow		29th. At 7 A. M., wind pretty heavy N. E., and snowing. At 9 A. M., wind nearly at N.; clouds thin and broken. Seven or eight inches of compact, heavy snow fallen.
Means	29.79	29.75	29.81	25.5	34.3	28.2	...	1.6	1.7	1.7	5.1	7.8	5.9	5.85	30th. Cold day. Evening still and clear.
									1.7			6.2			31st. Began to snow moderately at 5 P. M.
REDUCED TO SEA LEVEL.															
Max.	30.46	30.38	30.51	44	52	45	46.0								
Min.	28.77	28.70	29.29	7	17	10	12.0								
Mean	29.97	29.93	29.99												
Range	1.69	1.68	1.22	37	35	35	34.0								
Mean of month			29.963	...	...	...	29.3								
Extreme range			1.81	...	...	...	45.0								

Prevailing winds from some point between— Days.

N. & E.	8
E. & S.	0
S. & W.	7
W. & N.	16

	Days.
Clear	5
Variable, Cloudy	12
Rain or snow fell on	14

January, 1851. New Moon, 2d. 5h. 36m. A. M.

	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P M.	At 10 P M.		
1	29.67	29.64	29.70	17	26	27	23.3	N. W. 2	W'ly 2	S. W'ly	0	5	2		1st. Very fine.
2	30.02	29.99	29.66	11	23	19	17.7	N. W'ly 1	N. W'ly 2	W'ly 1	0	4	8		2d. Very pleasant.
3	29.48	...	29.46	29	...	16	...	S. W'ly 2	...	N. E. 1	10	...	10		3d. Grew colder in the afternoon and evening.
4	29.43	29.37	29.65	14	17	11	14.0	N'ly 1	N'ly 1	N. W. 2	10	Snow	0		4th. Air full of snow during the day.
S 5	29.95	29.89	29.86	4	27	27	19.3	W'ly 1	S. W'ly 2	S. W. 3	0	10	10		5th. Evening thick cloudy. Wind S. W. and snow in the air.
6	29.86	...	29.81	31	...	27	...	S. W'ly 1	...	W'ly 1	10	...	3		6th. Very mild.
7	29.74	29.80	29.96	25	27	20	24.0	N. E'ly 1	N'ly 1	N. W. 2	Misty	Misty	0		7th Light mist through the day. Evening clear.
8	30.08	30.08	30.12	15	26	22	21.0	N. W. 2	N. W. 2	N. W. 2	0	0	10		8th. Clear early in the evening; overcast at 10 o'clock.
9	29.97	29.68	29.43	23	35	46	34.7	S. W'ly 2	N. E. 2	S'ly 2	10	Misty	Rain	0.33	9th. Began to mist and rain from noon to 1 P. M.; wind N. E'ly. In the evening, wind came round to S'ly, and rain increased.
10	29.44	29.44	29.50	40	45	39	41.3	W'ly 1	N. W. 2	N'ly 1	1	7	9		10th. Very pleasant.
11	29.61	...	29.72	32	...	31	...	N'ly 1	...	N. W. 1	2	...	0		11th. Very mild and pleasant.
S 12	29.71	29.62	29.70	31	43	35	36.3	S. W. 2	S. W. 3	S. W. 1	2	2	2		12th. Pleasant.
13	29.74	29.72	29.80	30	41	34	35.0	N. W. 2	N. W. 1	N. W. 1	5	0	4		13th. Very pleasant.
14	29.91	29.78	29.66	30	42	40	37.3	N. W. 2	S. W. 2	S. W. 3	1	5	9		14th. Mild. Appearances of rain in the evening.
15	29.63	29.55	29.57	36	50	36	40.7	S. W. 2	S. W. 2	S. W. 1	5	6	3		15th. Very mild. Light haze in the evening. Halo about the moon.
16	29.54	29.67	29.78	36	52	38	42.0	S. W. 1	N. E. 1	N. E. 2	2	0	10		16th. Hazy in the afternoon. Evening cloudy, with appearances of storm.
17	29.54	29.59	29.93	42	50	34	42.0	N. E. 1	W'ly 2	N. W'ly 2	Foggy	10	10		17th and 18th. Pleasant.
18	30.11	30.06	30.34	26	28	15	23.0	N. W. 2	N. W. 2	N. W. 2	3	3	1		19th. Very chilly in the afternoon, with wind S. E'ly.
S 19	30.57	30.48	30.46	11	24	20	18.3	N. W. 2	N. W. 2	S. E'ly 1	0	0	2		20th. Rain in morning. Wind varying S. E'ly to S. W., and came to N. W. towards evening and cleared.
20	30.02	29.74	29.83	34	47	35	38.7	S. S. E. 2	S. W. 2	N. W. 1	10	Rain	2	0.60	21st. Very pleasant.
21	30.09	30.16	30.15	28	35	29	30.7	N. W. 1	N. W. 2	N. W. 1	0	0	2		22d. Light S'ly rain and snow from 1 to 4 P. M.
22	30.08	29.78	29.75	30	38	35	34.3	S'ly 1	S. W. 2	W'ly 2	10	Rain	10		23d. Very pleasant. Evening clear.
23	29.86	29.92	30.09	35	45	32	37.3	W. S W. 2	W'ly 1	W'ly 1	7	2	0		24th, 25th, and 26th. Very fine.
24	30.09	29.89	29.92	26	44	37	35.7	S. W. 1	S. W. 3	S. W. 1	0	2	0		27th. Evening very clear.
25	30.11	30.06	29.90	32	44	34	36.7	W'ly 2	S'ly 1	S. W. 1	6	5	0		28th. Began to rain gently at 10 P. M.
S 26	29.70	29.65	29.75	36	54	45	45.0	S. W. 1	W by S. 2	W'ly 2	5	4	2		29th. At 9 A. M., barometer 28.92; at 10 A. M, 28.88 (not reduced). Wind light N. W. In the evening, wind very heavy at N. W., and the cold very severe.
27	29.82	29.94	30.09	31	32	21	28.0	N. E. 1	N. E. 2	N. E. 2	10	10	0		
28	30.10	29.96	29.53	21	36	36	31.0	N. E. 2	N. E. 2	S. E. 2	8	10	Rain	1.00	
29	28.89	28.83	29.15	45	47	14	35.3	S'ly 3	N. W. 3	N. W. 4	Rain	6	0		30th. Cold very severe, with wind high and piercing at N. W.
30	29.49	29.69	29.96	7	8	1	5.3	N. W. 2	N. W. 3	N. W. 2	0	0	0		
31	30.11	30.29	30.53	3	10	5	6.0	N. W'ly 2	N. W. 3	N. W. 2	0	0	0		31st. Cold still severe and wind heavy.
Means	29.82	29.80	29.83	26.1	35.6	27.7	...	1.6	2.0	1.7	4.8	5.0	4.1	1.93	
									1.8			4.6			
REDUCED TO SEA LEVEL.															
Max.	30.75	30.66	30.71	45	54	46	45.0								
Min.	29.07	29.01	29.33	3	8	1	5.3								
Mean	30.00	29.98	30.01												
Range	1.68	1.65	1.38	42	46	45	39.7								
Mean of month			29.997	...	...	...	29.8								
Extreme range			1.74	...	...	...	53.0								

Prevailing winds from some point between— Days.

N. & E.	5
E. & S.	0
S. & W.	13
W. & N.	13

	Days.
Clear	6
Variable, Cloudy	19
Rain or snow fell on	6

February, 1851. New Moon, 1d. 0h. 52m. A. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M	Sunrise.	At 2 P. M.	At 10 P. M.		
1	30.68	30.60	30.46	0	22	18	13.3	N. W. 1	S. W'ly 1	S. W'ly 2	0	3	2		1st. The barometer from 9 to 10 A. M. stood at 30.91, reduced to sea level. Weather pleasant.
S 2	30.23	30.14	30.05	24	34	26	28.0	S. W. 2	S. W'ly 2	W'ly 1	Snow	Snow	0		2d. Sprinkling of snow in the morning; the ground barely covered. Evening clear and mild.
3	29.98	29.86	29.84	28	40	30	32.7	W'ly 2	W'ly 2	N. W. 1	9	0	0		3d. Very pleasant.
4	29.72	29.53	29.34	23	40	35	32.7	S'ly 2	S. W. 1	S. W. 2	7	Sprin'lg	10		4th. Sprinkling of rain from 2 to 3 P. M.
5	29.36	29.35	29.46	32	39	35	35.3	S. W'ly 1	W'ly 2	N. W'ly 2	4	10	8		5th. Mild.
6	29.39	29.50	29.85	30	24	9	21.0	N. E. 2	N. W. 2	N. W. 2	Snow	5	0		6th. Moist snow from 6 to 10 A. M.; the ground covered with from one to two inches of snow.
7	29.99	29.92	29.96	1	22	15	12.7	N. W. 1	W'ly 3	N. W. 1	0	5	0		7th. Evening very clear. Faint aurora in the north.
8	30.26	30.26	30.32	4	9	7	6.7	N. W. 1	N. W. 2	N. W. 2	0	1	10		8th. Very cold.
S 9	30.14	29.92	29.93	16	31	24	23.7	N. E'ly 1	N. E. 2	N. E. 1	10	Misty	Misty		9th. Light mist all day, which froze as it fell.
10	29.84	29.72	29.55	31	53	55	46.3	Calm	S. W. 3	S. W. 4	Foggy	10	10		10th. Occasional dashes of rain. Evening extremely blustering.
11	29.53	29.65	30.03	49	51	27	42.3	S. W. 1	N. W. 2	N. W. 2	10	9	0		11th. Morning very mild, with occasional light rain. Evening clear, and much cooler.
12	30.42	30.48	30.65	18	27	22	22.3	N. W. 2	N. W. 2	N. W. 1	0	0	0		12th. Very faint aurora this evening.
13	30.68	30.67	30.55	16	36	30	27.3	Calm	S'ly 1	S'ly 1	0	0	2		13th. At 8½ A. M., barometer 30.95, calm; at 11 A. M., 30 95, with wind light at S'ly; at noon, 30.92; at 5 P. M., 30.82, weather very fine.
14	30.34	30.23	30.09	36	49	46	43.7	S'ly 2	S. W. 3	S. W. 1	10	10	10		14th. Occasional sprinkling of rain.
15	29.86	29.52	29.47	43	52	53	49.3	S. W. 1	S. W. 2	S. W. 3	Rain	Rain	10	1.00	15th. Moderate rain in the morning; increased in the afternoon. In the evening, clouds thin and somewhat broken.
S 16	29.69	29.78	30.02	38	37	25	33.3	N. W. 1	N. W. 2	N. W. 2	10	10	0		16th. Pleasant. Evening very clear. Frost out of the ground in many places.
17	30.31	30.37	30.36	21	29	25	25.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		17th. Very fine.
18	30.21	...	30.44	30	...	31	...	S. W. 2	...	N. W. 2	2	...	0		18th. Pleasant. Aurora in the north, low down but quite bright.
19	30.67	30.63	30.43	21	37	29	29.0	N'ly 1	E'ly 2	S'ly 1	0	0	4		19th. Very fine.
20	30.31	30.13	30.09	30	45	43	39.3	S'ly 2	S. W. 2	S. W. 1	5	Rain	Misty		20th. Sprinkling of rain at intervals during the day.
21	30.01	29.98	29.86	42	38	35	38.3	S'ly 1	N. E. 2	N. E. 2	Rain	Rain	Rain	1.50	21st. Rainy day.
22	29.66	29.72	29.81	34	46	40	40.0	N'ly 2	N. W. 1	N. W. 1	10	10	0		22d. Cloudy all day. Evening clear.
S 23	29.91	29.91	29.93	33	50	37	40.0	N. W. 1	N. W. 2	N. W. 1	0	3	0		23d. Weather uncommonly mild and beautiful.
24	29.83	29.65	29.10	35	42	35	37.3	S'ly 2	S. E'ly 2	N. W'ly 3	Foggy	10	Rain	1.37	24th. Cloudy in the morning; wind light S'ly. Rain in the afternoon. Wind came round blustering at N. W. between 9 and 10 P. M.; rain still falling. Barom. began to rise at 11 P. M. Flurry of snow during the night. Frost entirely out of the ground in very many places.
25	29.42	29.69	29.97	37	39	32	36.0	N. W. 4	N. W. 4	N. W. 2	5	0	0		25th. The ground covered with melting snow this morning. The day pleasant.
26	30.13	...	30.14	26	...	34	...	N'ly 2	...	N. E. 2	0	...	7		26th. Very fine.
27	30.08	...	29.80	30	...	41	...	E'ly 1	...	S. E'ly 2	2	...	10		27th. Air raw.
28	29.54	29.40	29.51	42	47	31	40.0	S'ly 1	W'ly 2	N. W. 2	Rain	Misty	10		28th. Sprinkling of rain and mist in the morning. Flurry of snow during the night.
Means	30.01	29.94	29.97	27.5	37.6	31.1	...	1.5	2.0	1.7	6.1	6.2	4.4	3.87	
									1.7			5.4			
REDUCED TO SEA LEVEL.															
Max.	30.86	30.85	30.83	49	53	55	49.3								
Min.	29.54	29.53	29.28	0	9	7	6.7								
Mean	30.19	30.12	30.15												
Range	1.32	1.32	1.55	49	44	48	42.6								
Mean of month			30.153	...	...	...	32.1								
Extreme range			1.58	...	...	...	55.0								

Prevailing winds from some point between— Days.

N. & E.	2
E. & S.	3
S. & W.	9
W. & N.	14

	Days.
Clear	9
Variable, Cloudy	9
Rain or snow fell on	10

March, 1851. New Moon, 2d. 8h. 7m. P. M.

	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.		
1	29.78	29.87	29.89	32	32	26	30.0	N. W. 2	N. W. 2	S. W. 1	0	0	0		1st. The ground this morning was covered with snow, which disappeared during the day.
S 2	29.89	29.83	29.74	32	43	33	36.0	S'ly 1	S'ly 2	S. E'ly 1	6	10	0		2d. Raw S'ly air.
3	29.60	29.58	29.93	33	36	25	31.3	N. W. 1	N. W. 3	N. W. 2	5	5	0		3d and 4th. Pleasant.
4	30.06	29.98	29.83	23	45	41	36.3	S. W. 2	S. W. 3	S. W. 1	0	7	9		5th. Mild, warm, and very spring-like.
5	29.78	29.84	29.90	40	60	38	46.0	S. W. 2	N. W. 1	E'ly 1	3	4	0		6th. Clouds general, but thin. Very warm for the season.
6	29.77	29.62	29.93	45	62	37	48.0	S. W. 2	S. W. 3	N. W. 2	5	10	10		7th. Appearances of storm in the evening.
7	30.12	30.10	30.04	32	41	35	36.0	N. W. 2	E'ly 2	N. E. 2	9	10	10		8th. Moist snow in morning, five or six inches deep. Dusting of snow in the evening.
8	29.72	29.65	29.72	29	33	28	30.0	N. E. 3	N. E. 2	N. E'ly 2	Snow	10	Snow	1.00	9th. The ground this morning covered with from one to two inches of fresh snow, which fell during the night.
S 9	29.75	29.78	29.87	28	37	26	30.3	N'ly 1	N. W. 2	N. W. 2	10	8	0		10th. A beautiful shower of snow, with large flakes, at 10 A. M. Evening fine.
10	29.81	29.77	29.94	24	49	32	35.0	W. by S. 1	S. W. 1	N. W. 1	9	9	2		11th. Pleasant. The snow of the 8th nearly all gone.
11	29.99	29.83	29.79	27	45	40	37.3	N. W. 1	S. W. 3	W'ly 2	0	3	5		12th. Pleasant, but cool.
12	29.89	29.99	30.12	33	35	22	30.0	N. W. 2	N. W. 3	N. W. 1	0	0	0		13th. Light snow in the afternoon.
13	30.06	29.84	29.92	22	38	28	29.3	N. E. 1	S. W'ly 1	S'ly 1	8	Snow	10		14th. Cold this morning. Wind during the day swung round from N. E'ly, through the E., to S'ly.
14	30.10	30.15	30.05	17	28	27	24.0	N. W. 3	N'ly 2	S. W'ly 2	3	0	1		15th. Clouds pretty general, but thin.
15	29.94	29.74	29.71	36	56	49	47.0	S. W. 1	S. W. 2	S. W. 1	Foggy	8	10		16th. Light hail in the afternoon. Air raw and uncomfortable.
S 16	29.77	29.81	29.79	39	33	30	34.0	N. E. 3	N. E. 3	N. E. 3	10	Hail	10		17th. Moderate snow and hail all day. Wind heavy at night.
17	29.70	29.63	29.44	30	34	31	31.7	N. E. 2	N. E. 2	N. E. 4	Snow	Hail	Snow	1.00	18th. Damp snow continued falling all day, which was much drifted by the violence of the wind; equal to six or seven inches on the average.
18	29.23	29.23	29.26	32	34	28	31.3	N. E. 4	N. E. 3	N. E. 2	Snow	Snow	Snow		19th. Wind light, and heavens covered with thin clouds.
19	29.26	29.25	29.34	32	42	34	36.0	N. W. 1	N. W. 2	N. W. 1	10	10	10		20th. Air full of snow from 7 to 10 A. M., and again at 6 P. M. Clear at 10 P. M.
20	29.35	29.36	29.49	32	42	34	36.0	N. W. 1	N. W. 2	N. W. 1	Snow	9	0		21st. Pleasant.
21	29.56	29.60	29.69	34	46	35	38.3	W N W 2	N. W. 2	N. W. 1	9	7	2		22d. Very fine. Snow of the 17th and 18th nearly all gone.
22	29.74	29.76	29.82	36	49	39	41.3	N. W. 1	N'ly 2	N'ly 1	2	2	0		23d. Mild. Clouds prevalent, but thin.
S 23	29.90	29.86	29.67	35	56	42	44.3	N'ly 1	S'ly 1	S'ly 2	0	8	10		24th. Misty from 7 to 10 A. M. Pleasant in the afternoon.
24	29.34	29.35	29.42	35	49	46	43.3	N. E. 2	N. W. 2	N'ly 1	10	3	10		25th. Pleasant. Evening very clear.
25	29.66	29.76	30.13	40	40	31	37.0	N. W. 2	N. 2	N'ly 2	3	0	0		26th and 27th. Very fine.
26	30.29	30.20	30.08	29	48	38	38.3	N'ly 1	S'ly 2	S. W. 2	0	0	0		28th. Warm in the morning. Wind changed from S. W. to N. W., with a heavy gust, between noon and 1 P. M.
27	29.99	29.83	29.80	42	65	53	53.3	S. W. 2	S. W. 2	S. W. 2	5	8	2		29th. Very fine.
28	29.68	29.67	30.02	51	64	39	51.3	S. W. 2	N. W. 3	N. W. 1	6	3	0		30th. Pleasant.
29	30.20	30.24	...	32	56	...	...	N. W. 2	S'ly 2	...	0	0	...		31st. Pleasant, and the warmest day since the 24th of September last, being 188 days. Thermometer 73° at 1 P. M.
S 30	30.22	30.10	...	38	63	...	...	S. W. 2	S. W. 2	...	10	2	...		
31	29.95	29.86	29.95	53	73	56	60.7	S. W. 2	S. W. 2	S. W. 1	10	9	2		
Means	29.81	29.78	29.80	33.7	46.3	35.6	...	1.8	2.1	2.0	5.9	6.0	4.6	2.00	
									1.9			5.5			
REDUCED TO SEA LEVEL.															
Max.	30.47	30.42	30.31	53	73	56	60.7								
Min.	29.41	28.41	29.44	17	28	22	24.0								
Mean	29.99	29.96	29.98												
Range	1.06	1.01	0.87	36	45	34	36.7								
Mean of month			29.977	...	...	...	38.5								
Extreme range			1.06	...	...	...	56.0								

Prevailing winds from some point between— Days.

N. & E.	5
E. & S.	1
S. & W.	12
W. & N.	13

	Days.
Clear	7
Variable, Cloudy	15
Rain or snow fell on	9

April, 1851. New Moon, 1d. 1h. 25m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 2 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	WINDS (Direction and Force.) At 6 A. M.	At 2 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 2 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	30.10	30.11	30.12	40	60	41	47.0	N.by E. 2	E'ly 2	S. E. 1	0	0	0		1st. Very fine.
2	30.13	29.99	29.61	35	50	49	44.9	S. W. 2	S'ly 2	S. E'ly 2	3	Sprinl'g	Rain	0.75	2d. Began to sprinkle at 1 P. M. Light rain in the evening.
3	29.57	29.53	29.67	43	60	48	50.3	N'ly	W'ly 3	N. W. 2	Rain	2	0		3d. Light rain at 6 A. M. Nearly clear at 10 A. M. Fine afternoon and evening.
4	29.77	29.77	29.89	40	65	45	50.0	S. W. 2	S. W. 3	S. W. 2	0	5	0		4th. Very fine.
5	29.93	29.94	29.90	40	65	52	52.3	S. W. 2	S. W. 2	S. W. 1	2	3	6		5th. Pleasant.
S 6	29.81	29.69	29.67	53	57	56	55.3	S. W. 2	S. W. 3	S'ly 1	10	Rain	10	1.00	6th. Heavy showers during the day; thunder occasionally from 4 to 5 P. M. Evening cloudy, but no rain.
7	29.87	29.89	30.03	45	58	46	49.7	N. W. 1	N. W. 2	W'ly 1	0	2	Hazy		7th. Very light haze in evening. Bow around the moon.
8	30.00	29.87	29.48	44	61	58	54.3	N. W. 2	S'ly 3	S. E'ly 3	3	8	Rain	1.60	8th. Began to rain about 6 P. M. Heavy showers in the evening.
9	29.86	30.00	30.11	43	54	43	46.7	N. W. 1	N. W. 2	Calm	1	0	0		9th and 10th. Very fine.
10	30.11	30.06	30.07	43	63	49	51.7	S. W. 2	S. W. 3	W'ly 1	0	0	5		11th. Rather chilly.
11	30.16	30.17	30.23	40	48	35	41.0	N. E. 2	N. E. 2	N. E'ly 1	10	9	5		12th. Cold and raw. Snow-flakes occasionally fell.
12	30.28	30.21	30.20	32	44	31	35.7	N'ly 2	N'ly 2	N'ly 1	5	5	0		13th. Ground hardly frozen this morning.
S 13	30.13	29.86	29.71	30	45	35	36.7	N'ly 2	N. W. 2	N. W. 1	0	3	0		14th. Ground again frozen. At 4 P. M., wind fresh S. E'ly; in the evening, N. E., and began to rain very moderately between 9 and 10 P. M.
14	29.61	29.51	29.51	30	52	39	40.3	N. E. 2	N. E. 2	N. E. 2	0	0	Rain		15th. Mist and light rain through the day. In the evening, wind heavy.
15	29.52	29.52	29.43	39	42	39	40.0	N. E. 3	N N.W. 3	N. E. 4	Misty	Misty	Rain		16th. Wind and storm very heavy during the day. The barometer began to rise at 3 P. M., and, rising one-tenth of an inch, it became stationary at about 5½ P. M., standing at 29.36 for six or eight hours. Flakes of snow, mingled with rain, fell from 10 to 11 A. M.
16	29.28	29.17	29.31	38	39	37	38.0	N. E. 4	N. E. 5	N. E. 4	Rain	Rain	Rain	2.25	17th. Storm somewhat abated, but still heavy. The amount of rain on the 16th and 17th somewhat uncertain, in consequence of one rain-gauge being blown from its place and the other leaking. It was not less than two inches, probably more.
17	29.35	29.41	29.43	36	37	36	36.3	N. E. 3	N. E. 3	N. E. 3	Rain	Rain	Misty		18th. Occasional mist during the day.
18	29.45	29.49	29.51	36	39	38	37.7	N.N.E. 2	N.N.E. 2	N'ly 2	10	10	10		19th. In the afternoon, wind high S. E'ly and very raw. Sprinkling of rain at 10 P. M.
19	29.49	29.43	29.41	40	58	39	45.7	N'ly 1	E'ly 2	S. E'ly 1	10	10	Rain	1.10	20th. Rain, and snow in large heavy flakes which sometimes quite covered the ground.
S 20	29.16	29.18	29.31	34	33	36	34.3	N. E. 3	N. E. 3	N'ly 2	Rain	Snow	Misty		21st. Moderate rain in afternoon and evening.
21	29.29	29.24	29.27	40	50	39	43.0	N. W. 1	N. W. 1	N'ly 2	9	10	Rain		22d. Fine. Evening very clear.
22	29.31	29.32	29.48	44	57	48	49.7	N. W. 2	N. W. 2	N. W. 2	8	0	0		23d to 26th. Very fine.
23	29.54	29.55	29.55	48	64	52	54.7	N. W. 2	N. W. 2	N. W. 1	3	0	0		27th. Overcast, but clouds thin.
24	29.56	29.43	29.48	50	68	51	56.3	W'ly 1	S. E. 2	N. E. 1	5	9	0		28th. Light sprinkling of rain.
25	29.58	29.56	29.70	46	60	46	50.7	N. 2	N. W. 2	N. W. 1	0	0	0		29th. Pleasant.
26	29.75	29.71	29.76	41	64	46	50.3	N. W. 1	N. W. 2	N. W. 1	0	0	0		30th. Began to rain very moderately at 4 P. M., increasing in the evening.
S 27	29.77	29.73	29.76	48	67	44	53.0	S. E'ly 1	S. E. 1	N. E. 2	5	9	5		
28	29.72	29.71	29.74	42	52	42	45.3	N. E. 2	N. E. 2	N. E. 2	9	Sprinl'g	10		
29	29.86	29.88	29.97	40	60	46	48.7	N. E. 2	N. E. 2	W'ly 1	5	7	0		
30	29.99	29.96	29.86	42	61	47	50.0	W'ly 2	S. E'ly 2	S. W. 2	0	10	Rain	1.10	
Means	29.73	29.70	29.71	40.7	54.4	43.8	...	1.9	2.3	1.7	4.9	5.7	5.3	7.80	
									2.0			5.3			
REDUCED TO SEA LEVEL.															
Max.	30.46	30.39	30.41	53	68	58	56.3								
Min.	29.34	29.35	29.45	30	33	31	34.3								
Mean	29.91	29.88	29.89												
Range	1.12	1.04	0.96	23	35	27	22.0								
Mean of month			29.893	...	...	...	46.3								
Extreme range			1.12	...	...	...	38.0								

Prevailing winds from some point between— Days.

N. & E.	9
E. & S.	7
S. & W.	5
W. & N.	9

	Days.
Clear	9
Variable } Cloudy }	8
Rain or snow fell on	13

May, 1851. New Moon, 1d. 3h. 54m. A. M., and 30d. 3h. 39m. P. M.

	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.		
1	29.55	29.51	29.58	48	62	42	50.7	N. W. 1	N. W. 1	N. W. 3	10	7	0		1st. Cloudy in the morning. Evening clear. Aurora in the north—quite bright, but without streamers.
2	29.61	29.63	29.85	40	55	41	45.3	W'ly 2	W'ly 2	N. W. 2	0	3	0		2d. Very fine.
3	29.97	29.92	29.91	38	63	49	50.0	N. W. 2	S. W. 2	S. W. 2	0	4	10		3d. Pleasant. Cloudy evening.
S 4	29.77	29.71	29.68	52	64	...	...	S. W. 2	S. W. 1	S. W. 2	10	10	Rain	2.00	4th. Began to rain moderately at 7 P. M., increasing in the evening.
5	29.58	29.53	29.43	36	40	35	37.0	N. E. 3	N. E. 3	N. E. 3	Rain	10	Rain		5th. Rain during the day, mixed occasionally with hail.
6	29.54	29.66	29.77	37	57	43	45.7	N. W. 2	N. W. 2	W. 1	2	5	3		6th. Pleasant.
7	29.85	29.82	29.84	43	55	43	47.0	W. 1	S'ly 2	N. W. 1	8	10	0		7th. Brisk shower from the west between 4 and 5 P. M. Evening still and clear. Frost in many places this morning; ice in some.
8	29.88	29.81	29.84	39	60	46	48.3	W'ly 1	S. E'ly 2	N.W'ly 1	3	9	3		8th. Frost in many places this morning. Sprinkling of rain at 4 P. M. Evening pleasant.
9	29.86	29.78	29.74	44	67	50	53.7	W'ly 1	S. E'ly 2	S. W. 1	5	2	8		9th. Pleasant during the day. Thundershower between 6 and 8 P. M. Clear at 11 P. M.
10	30.01	30.00	29.88	55	79	58	64.0	S. W'ly 1	N. W. 3	S. W. 1	2	8	10		10th. Very mild and pleasant.
S 11	29.88	29.88	29.90	54	65	55	58.0	N. E. 1	E'ly 1	E'ly 1	Rain	10	Rain		11th. Light rain at intervals.
12	29.89	29.87	29.84	53	68	57	59.3	E'ly 2	E'ly 1	S. E'ly	10	9	10		12th. Mild and pleasant.
13	29.79	29.64	29.65	59	73	62	64.7	S. W. 2	S'ly 2	S'ly 1	10	0	6		13th. Pleasant. Frequent lightning at the N. W. and N. in the evening. Severe tempest and destructive hail-storm in Worcester.
14	29.67	29.63	29.87	63	75	58	65.3	N. W. 2	N. W. 1	N. W. 3	10	9	6		14th. Mostly cloudy. Occasional sprinkling of rain.
15	29.91	30.01	30.07	48	65	48	53.7	N'ly 2	N. W. 2	S'ly 2	3	2	0		15th. Pleasant.
16	30.10	30.05	29.99	50	68	50	56.0	S. W'ly 2	S'ly 3	S'ly 1	0	1	0		16th. Very fine.
17	29.83	29.76	29.67	53	65	59	59.0	S. W. 3	S. W. 4	S. W. 1	5	Rain	0		17th. Sprinkling of rain in the afternoon.
S 18	29.80	29.83	29.90	57	55	50	54.0	N. E. 2	N. E. 2	E'ly 1	9	Rain	0		18th. Sprinkling of rain from 1 to 2 P. M.
19	29.98	29.98	29.95	47	68	50	55.0	N'ly 2	S. E'ly 2	S'ly 2	0	0	5		19th. Pleasant.
20	29.80	29.58	29.50	54	75	64	64.3	S. W. 2	S. W'ly 2	S. W'ly 2	10	9	Rain	0.15	20th. Cloudy, but warm. Shower from 9 to 10 P. M.
21	29.56	29.61	29.76	63	79	61	67.7	N. W. 2	N. W. 3	E'ly 2	1	5	0		21st. Very fine.
22	29.83	29.75	29.57	56	70	60	62.0	N. E. 2	N. E. 2	S'ly 2	0	5	Rain	1.10	22d. Pleasant in the morning. Began to rain very moderately at 6 P. M. Thunder and rain in the evening. Heavy rain and thunder about midnight.
23	...	29.34	29.68	63	83	56	67.3	S. W. 2	S. W. 2	N. W. 3	10	5	0		23d. Cloudy in the morning; wind fresh and warm at S. W. About 5 P. M., wind came to N. W., very fresh. Evening clear.
24	30.03	30.09	30.14	48	67	52	55.7	N. W. 3	N. W. 2	S'ly 1	0	0	0		24th, 25th, and 26th. Very fine.
S 25	30.20	30.23	30.21	50	71	51	57.3	S. W. 1	S. W. 2	S. W. 1	0	0	0		27th. Pleasant. Sprinkling of rain at evening.
26	30.18	30.06	29.98	48	75	58	60.3	S. W. 2	S. W. 2	S. W. 1	0	0	0		28th. Very fine.
27	29.95	29.89	29.81	61	83	63	69.0	S. W. 2	S. W. 2	S. W. 2	3	5	Sprinl'g		29th. Began to rain moderately from 2 to 3 P. M.
28	29.68	29.68	29.83	63	85	66	71.3	S. W. 2	S. W. 3	N. W. 2	10	2	0		30th. Light rain and mist at 6 P. M. Cloudy through the day. Very clear and cool in the evening.
29	29.89	29.91	29.91	56	55	46	52.3	N. E'ly 2	N. E. 2	N. E. 2	8	10	Rain	0.33	31st. Pleasant.
30	29.92	29.90	29.95	46	49	43	46.0	N. E. 2	N. E. 2	N. E. 1	Rain	10	0		
31	29.99	29.99	30.05	46	64	51	53.7	N'ly 3	N'ly 2	N. E. 2	2	5	0		
Means	29.84	29.81	29.83	50.6	66.4	52.2	...	1.9	2.1	1.7	5.3	5.6	4.2	3.58	
									1.9			5.0			
REDUCED TO SEA LEVEL.															
Max.	30.38	30.41	30.39	63	85	66	71.3								
Min.	29.72	29.52	29.61	36	40	35	37.0								
Mean	30.02	29.98	30.01												
Range	0.66	0.89	0.78	27	45	31	34.3								
Mean of month			30.003	...	...	...	56.4								
Extreme range			0.89	...	...	...	50.0								

Prevailing winds from some point between— Days.

N. & E.	8
E. & S.	2
S. & W.	14
W. & N.	7

	Days.
Clear	7
Variable } Cloudy }	10
Rain fell on	14

June, 1851. New Moon, 29d. 1h. 17m. A. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 2 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 2 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 2 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
S 1	30.00	29.96	29.85	55	75	58	62.7	N. W. 2	N. E. 1	S. W. 2	3	1	Sprinl'g		1st. Sprinkling of rain in the evening.
2	29.64	29.49	29.50	57	73	58	62.7	S. W. 2	S. W. 2	N. W. 3	10	4	0		2d. Brisk shower between 4 and 5 P. M. Evening clear.
3	29.53	29.52	29.56	53	68	54	58.3	N. W. 3	N. W. 3	N. W. 2	0	5	2		3d. Pleasant.
4	29.58	29.56	29.73	55	73	55	61.0	W'ly 2	W'ly 3	N. W. 1	4	3	0		4th. Pleasant. Evening clear.
5	29.84	29.81	29.83	56	71	54	60.3	N. W. 3	N. W. 3	N. W. 1	0	0	0		5th. Very fine. From 8 to 12 P. M., bright aurora at the north, without streamers. A little before 10 P. M., a well-defined, luminous belt, from
6	29.78	29.70	29.56	54	73	62	63.0	N'ly 2	N. E. 3	S. W. 1	0	0	10		
7	29.40	29.38	29.54	58	53	49	53.3	S. W. 1	N. E. 2	N. E. 3	Rain	Rain	10	0.75	2° to 3° in width, was observed stretching across
S 8	29.64	29.66	29.68	48	60	51	53.0	N. E. 2	N. E. 2	S. E. 2	7	10	10		the heavens from N. W. to S. E., reaching in either
9	29.52	29.52	29.67	51	62	52	55.0	S. E. 3	N'ly 2	N'ly 1	Rain	10	10	0.75	direction to within about 30° of the horizon. It
10	29.78	29.79	29.87	55	71	57	61.0	N. W. 3	W'ly 3	W'ly 1	2	1	0		had a slow motion S'ly, and disappeared in some
11	29.91	29.73	29.67	58	76	65	66.3	N. W. 2	S. W. 4	S. W. 1	0	1	Shower		twenty-five or thirty minutes after it was first
12	29.70	29.67	29.74	60	76	58	64.7	N. W. 2	N. W. 2	N. W. 2	0	2	0		noticed. The mid heavens being quite clear at
13	29.79	29.76	29.83	60	76	59	65.0	N. W. 2	N. W. 2	N. W. 1	0	2	5		the time, the belt was a conspicuous and beauti-
14	29.87	29.85	29.92	56	75	56	62.3	N. W. 2	N. W. 2	N. E. 2	0	3	5		ful object.
S 15	29.92	29.82	29.79	58	76	52	62.0	N. W. 1	N. W. 2	N'ly 3	0	5	Rain		6th. Fine during the day. Appearances of rain in the evening.
16	29.85	29.99	30.11	51	61	47	53.0	N. E. 2	N. E. 3	N. E. 1	10	5	0		7th. Rainy day.
17	30.19	30.20	30.21	46	70	50	55.3	N. 2	N. E. 3	N. E. 1	0	5	0		8th. Raw and cold. Fires necessary to comfort.
18	30.20	30.18	30.13	53	77	61	63.7	N'ly 1	N. W. 2	S. W'ly 2	0	3	0		9th. Rainy in the morning. Cloudy in the afternoon and evening.
19	30.12	29.96	29.88	56	75	60	63.7	N. W. 1	S. by W. 3	S. W'ly 2	3	2	0		10th. Fine.
20	29.82	29.77	29.78	60	80	66	68.7	S'ly 2	S. W'ly 3	S. W. 2	0	0	7		11th. Day fine. Thunder and light shower at 10 P. M.
21	29.80	29.74	29.74	67	82	66	71.7	S. W. 2	S. W. 3	S. W. 1	7	4	0		12th and 13th. Very fine.
S 22	29.71	29.67	29.65	70	79	66	71.7	S. W. 1	S. E'ly 1	S. E'ly 2	7	8	Misty		14th. Pleasant in the morning. Sprinkling of rain at 3½ P. M.; again from 7 to 8 P. M., with a very perfect rainbow.
23	29.64	29.59	29.63	70	88	67	75.0	S'ly 1	S. E'ly 2	S'ly 1	Foggy	8	Foggy		15th. Pleasant till 5 P. M. Light shower in the evening.
24	29.67	29.67	29.75	56	60	58	58.0	N. E. 2	N. E. 2	N. E'ly 1	10	9	10		16th. Very cold; fires quite necessary; frost in some low places.
25	29.76	29.71	29.75	61	83	64	69.3	W'ly 2	N. W'ly 3	N. W. 1	0	2	2		17th. Fine, but cold for the season; frost in some places.
26	29.79	29.72	29.70	64	81	68	71.0	N. W. 1	S. E'ly 2	S. E'ly 1	2	3	10		18th. Very fine.
27	29.74	29.61	29.67	70	84	67	73.7	S. W'ly 2	S. W. 2	Calm	Rain	5	0	0.40	19th and 20th. Pleasant.
28	29.73	29.74	29.75	63	78	68	69.7	N. E'ly 2	S. E'ly 2	S'ly 1	5	3	Hazy		21st. Very fine.
S 29	29.71	29.68	29.62	70	83	71	74.7	S. E'ly 1	S'ly 2	S'ly 1	Hazy	0	Hazy		22d. Pleasant; top of the ground very dry.
30	29.65	29.59	29.62	71	90	72	77.7	S'ly 1	S'ly 2	S'ly 1	Hazy	0	0		23d. Mist and fog, with a light shower at 3 P. M.
Means	29.78	29.73	29.76	58.7	74.3	59.7	...	1.8	2.4	1.9	3.8	4.0	4.4	1.90	24th. Very cool.
									2.0			4.1			25th. Very fine.
REDUCED TO SEA LEVEL.															26th. Very warm.
Max.	30.38	30.38	30.39	71	90	72	77.7								27th. At 6 A. M., heavy thundershower, with gust of wind. Aurora quite bright in the evening.
Min.	29.58	29.56	29.68	46	53	47	53.0								28th. Pleasant.
Mean	29.96	29.90	29.94												29th. Warm and sultry.
Range	0.80	0.82	0.71	25	37	25	24.7								30th. Extremely hot, and very damp. At 2½ P. M., thermometer 92° in the shade.
Mean of month		29.933		...	...	...	64.2								
Extreme range		0.83		...	...	...	44.0								

Prevailing winds from some point between— Days.
N. & E. 8
E. & S. 5
S. & W. 7
W. & N. 10

	Days.
Clear	10
Variable . . . }	11
Cloudy . . . }	
Rain fell on . .	9

July, 1851. New Moon, 28d. 9h. 32m. P. M.

	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.		
1	29.64	29.63	29.74	73	90	71	78.0	S'ly 1	S. E'ly 2	N. E'ly 2	9	3	Rain	0.85	1st. Alternate sunshine and copious showers, with some thunder.
2	29.79	29.77	29.81	65	83	68	72.0	N. W. 3	N. E'ly 2	N. E'ly 1	2	3	0		2d. Pleasant.
3	29.79	29.75	29.65	63	80	68	70.3	N'ly 1	S'ly 1	S. E'ly 2	3	8	Rain	1.00	3d. Rain, with light thunder, between 10 and 11 P. M.
4	29.49	29.47	29.58	64	69	59	64.0	E'ly 1	E'ly 2	N. W. 2	10	Rain	0	0.60	4th. Heavy showers at intervals, with some thunder. Evening clear and cool.
5	29.67	...	29.72	57	...	60	...	W'ly 2	...	N. W. 1	1	...	0		5th. Very fine.
S 6	29.76	29.70	29.69	63	82	66	70.3	W'ly 2	S. W. 3	S. W. 2	1	3	5		6th. Pleasant in the morning. Light showers from 7 to 8 P. M.
7	29.64	29.60	29.76	67	75	62	68.0	S. W. 3	S. W. 2	W'ly 1	10	10	2		7th. Dashes of rain at 5 A. M. Occasional light showers.
8	29.82	29.85	29.85	58	76	63	65.7	N. W. 2	S'ly 2	S'ly 2	2	6	8		8th. Pleasant.
9	...	...	29.68	...	...	69	...	...	...	S'ly 1	...	...	9		9th. Light showers from noon to 1 P. M.
10	29.58	29.50	29.61	69	83	72	74.7	S. W'ly 2	S. W. 2	W'ly 1	Rain	9	10	0.62	10th. Light rain and thunder from 6 to 7 A. M. Heavy showers, with frequent thunder and lightning, in the afternoon; very perfect rainbow a little before sunset. Moon out in the evening.
11	29.71	29.72	29.83	70	85	67	74.0	N. W. 1	W'ly 2	W'ly 1	10	5	5		11th and 12th. Very fine.
12	29.91	29.99	29.87	62	78	65	68.3	N. W'ly 2	N. W'ly 2	N. W. 1	5	2	0		13th. Light showers, with thunder, at 7 P. M.
S 13	29.84	29.78	29.81	66	79	57	67.3	W'ly 2	N. W. 2	N. E. 1	2	3	0		14th. Very fine.
14	29.82	29.82	29.76	58	74	63	65.0	N. E. 2	N. E. 2	N. E. 2	0	2	5		15th. Pleasant.
15	29.70	29.69	29.61	64	83	70	72.3	N. W. 2	S. W. 3	S. W. 3	2	5	10		16th. Appearance of rain in morning. Shower at 11 P. M.
16	...	...	29.61	...	...	68	...	...	...	S. W. 2	...	...	Shower		17th. Very warm, and not much air.
17	29.57	...	29.52	70	...	74	...	S. W. 2	...	W'ly 1	3	...	0		18th. Pleasant, but rather sultry.
18	29.60	29.60	29.58	78	84	70	77.3	W'ly 1	W'ly 3	W'ly 1	8	0	3		19th. Frequent showers, with a great deal of thunder and lightning. Thunder in some cases in the afternoon, very near and very heavy.
19	29.58	29.65	29.51	74	74	74	74.0	S. W. 2	S'ly 1	W'ly 1	Misty	Rain	Misty	0.85	20th to 23d. Very fine.
S 20	29.53	29.53	29.71	70	81	67	72.7	N. W. 2	N. W. 2	S. W. 1	5	3	0		24th. Occasional sprinkling of rain.
21	...	29.86	29.92	...	89	68	...	...	W'ly 1	W. 1	...	8	2		25th. Very sultry during the day. Thundershower from 10 to 11 P. M.
22	29.96	29.92	29.90	68	85	70	74.3	W'ly 1	W'ly 2	S. W. 1	3	6	0		26th. Pleasant. Copious thundershower from noon to 1 P. M.
23	29.88	29.84	29.88	71	84	72	75.7	S. W. 2	W. 1	W. 1	6	4	0		27th. Occasional light showers.
24	29.86	29.84	29.77	73	80	72	75.0	W'ly 1	W. 2	S. W. 2	Misty	Rain	10		28th. Cool. Showery from 2 to 4 P. M.
25	29.67	29.65	29.62	74	88	75	79.0	S. W. 2	S. W. 3	W'ly 2	10	5	Rain	0.60	29th. Rainy in the morning. Clear in the evening.
26	29.53	29.42	29.42	72	80	70	74.0	S. W'ly 2	S. W. 2	W. 1	5	Shower	1	0.37	30th. Very cool. Fires quite necessary to comfort in the evening.
S 27	29.32	29.29	29.35	70	80	66	72.0	N. W. 3	N. W. 2	N. W. 1	0	7	0		31st. Cold for the season. Fires quite necessary.
28	29.37	29.41	29.51	67	72	65	68.0	N. W. 1	N. W. 2	N. E. 1	0	9	5		
29	29.55	29.67	29.83	62	63	54	59.7	N. E. 2	N. E. 2	N. E. 1	Rain	10	0	0.30	
30	29.88	29.88	29.94	55	72	52	59.7	N. E. 2	N. E. 2	N. E. 1	9	5	0		
31	29.96	29.93	29.94	53	70	58	60.3	N'ly 1	N. E. 2	N. E. 2	0	10	3		
Means	29.69	29.69	29.71	66.3	79.2	66.3	...	1.8	2.0	1.4	5.1	6.1	4.1	5.19	
									1.7			5.1			
REDUCED TO SEA LEVEL.															
Max.	30.14	30.17	30.12	78	90	75	79.0								
Min.	29.50	29.47	29.53	53	63	52	59.7								
Mean	29.86	29.86	29.88												
Range	0.64	0.70	0.59	25	27	23	19.3								
Mean of month		29.867		...	...	...	70.6								
Extreme range		0.70		...	...	...	38.0								

Prevailing winds from some point between— Days.
N. & E. 6
E. & S. 2
S. & W. 14
W. & N. 9

	Days.
Clear	5
Variable . . . }	10
Cloudy . . . }	
Rain fell on . .	16

August, 1851. New Moon, 26d. 5h. 12m. P. M.

DAYS.	BAROMETER, reduced to 32° F At 6 A. M.	At 2 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 2 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 2 P. M.	At 10 P M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.95	29.92	29.90	59	68	58	61.7	N. E. 2	N. E. 2	N. E. 1	10	10	10		1st. Mist in the morning.
2	29.88	29.84	29.88	62	75	63	66.7	N. W. 1	S. W'ly 2	W. 2	3	5	0		2d. Very fine.
S 3	29.90	29.89	29.95	66	78	65	69.7	S. W.	S. E. 1	S'ly 1	0	4	4		3d. Pleasant.
4	29.99	29.99	29.92	64	71	62	65.7	S. W. 1	S. W. 3	N. E. 2	Foggy	10	Rain	0.10	4th. Moderate rain in the afternoon; wind E'ly and N. E
5	29.93	29.90	29.92	62	75	67	68.0	N'ly 1	S. W. 2	S. W. 1	10	4	0		5th. Pleasant. Evening clear.
6	29.95	...	29.91	66	...	65	...	N. W. 1	...	W'ly	2	...	2		6th. Very fine.
7	29.88	29.82	29.77	67	83	70	73.3	S. W. 2	S. W. 3	S. W. 1	1	8	Rain	0.15	7th. Pleasant through the day. Began to rain moderately from 7 to 8 P. M.
8	29.79	29.79	29.83	70	86	71	75.7	S. W. 1	N. W. 2	N. W. 1	2	5	0		8th. Fine. Evening very clear and splendid.
9	29.78	29.67	29.68	72	78	66	72.0	S. W. 1	S. W. 2	W'ly 2	Rain	10	Shower	1.25	9th. Heavy shower from 7 to 8 A. M. Thundershower from 7 to 8 P. M. Watched for meteors from 10 P. M. till midnight, sky mostly clear, but only four were seen.
S 10	29.74	29.77	29.79	65	74	64	67.7	N. W. 1	N. W. 2	N. W. 2	2	0	3		10th, 11th, and 12th. Pleasant.
11	29.83	29.75	29.77	57	79	64	66.7	N. W. 1	S. E'ly 2	S. W. 1	0	3	3		13th. Very warm and sultry. Showers in the afternoon and evening.
12	29.79	29.78	29.83	66	78	66	70.0	S. W'ly 1	S. W. 2	S. W. 1	7	3	2		14th. Heavy shower in the morning, with a good deal of thunder. Cloudy in the afternoon. Evening clear.
13	29.84	29.76	29.77	68	86	70	74.7	S. W. 2	S. W. 2	S. W. 1	10	3	6, Sh'r	0.40	15th and 16th. Pleasant.
14	29.67	29.72	29.65	74	78	63	71.7	N. W. 1	W'ly 2	N. W. 2	Shower	10	0		17th. Moderate rain nearly all day.
15	29.70	29.76	29.72	60	74	65	66.3	N. W. 1	N. W. 1	N. W. 1	7	8	3		18th. Cool. Appearances of rain in morning.
16	29.73	...	29.78	56	...	60	...	N. W. 1	...	N. W. 2	2	...	3		19th. Cool, but fine.
S 17	29.77	29.75	29.69	62	62	58	60.7	W'ly 2	W'ly 2	Calm	7	Rain	Misty	0.75	20th. Cool. Rain in the evening.
18	29.73	29.76	29.85	54	72	60	62.0	N'ly 2	N.W'ly 1	N'ly 1	6	8	0		21st. Very damp. Appearances of rain.
19	29.93	29.90	29.95	57	73	60	63.3	N. W. 1	N. W. 1	N. W. 2	0	6	0		22d. Damp. Shower in the afternoon, with high wind. A tornado of extreme violence passed over West Cambridge this day, between 5 and 6 P. M.
20	29.99	29.94	29.88	60	72	63	65.0	N. W. 1	S. E. 1	S'ly 2	9	10	Rain	0.50	23d. Pleasant.
21	29.94	29.92	29.95	60	73	64	65.7	E'ly 1	S'ly 2	W'ly 2	10	10	10		24th. Very fine.
22	29.84	29.74	29.68	67	82	72	73.7	S. E'ly 2	S. W'ly 4	W. 5	Misty	10	5		25th. Appearances of rain in the evening.
23	29.65	29.61	29.65	74	84	69	75.7	W'ly 1	W'ly 1	W'ly 1	4	5	0		26th. Rain and thunderstorm last night. To-day, high wind, cool and clear; the air very dry.
S 24	...	29.67	29.72	...	80	66	...	...	S. W. 2	N. W. 1	...	0	0		27th. Very fine. Air cool and dry.
25	29.64	29.67	29.53	68	82	72	74.0	N. W. 2	S. W. 3	S. W'ly 1	0	5	7		28th, 29th, and 30th. Very fine.
26	29.49	29.57	29.84	59	67	55	60.3	N. W. 3	N. W. 4	W'ly 3	9	2	0	0.62	31st. Fine, the sun very hot and scorching.
27	29.98	29.95	30.01	53	70	53	58.7	W. 1	N. W. 2	N. W. 1	0	3	0		
28	30.06	30.03	30.05	62	73	59	64.7	W. 1	S. W. 2	S. W. 1	0	0	0		
29	30.06	30.06	30.03	55	79	60	64.7	N. W. 2	N. W. 2	N. W. 1	0	0	0		
30	30.02	29.98	29.96	59	82	59	66.7	N. W. 1	S. W. 2	S. W. 1	0	0	0		
S 31	29.94	29.90	29.96	62	85	70	72.3	S. W. 2	S. W. 1	S. W. 1	0	0	2		
Means	29.85	29.82	29.83	62.9	76.5	63.8	...	1.7	2.0	1.5	4.7	5.1	3.5	3.77	
								1.7			4.8				
REDUCED TO SEA LEVEL.															
Max.	30.24	30.24	30.23	74	86	72	75.7								
Min.	29.67	29.75	29.71	53	62	53	58.7								
Mean	30.02	29.99	30.00												
Range	0.57	0.49	0.52	21	24	19	17.0								

Prevailing winds from some point between—	Days.
N. & E.	1
E. & S.	3
S. & W.	14
W. & N.	13

	Days.
Clear	12
Variable	10
Cloudy	
Rain fell on	9

Mean of month	30.003	...	...	...	67.7		
Extreme range	0.57	...	...	...	33.0		

September, 1851. New Moon, 25d. 1h. 4m. A. M.

	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.		
1	30.07	30.08	30.08	62	71	56	63.0	N. W. 1	N. E. 2	N. E. 1	2	1	2		1st. Very fine.
2	29.98	29.69	29.67	53	63	57	57.7	N. E. 1	S. E. 2	N. W. 2	8	Rain	10	0.60	2d. Sprinkling of rain at intervals. A brisk thundershower between 6 and 7 P. M. Fires quite comfortable.
3	29.76	29.94	29.97	57	60	54	57.0	N. E. 3	N. E. 3	N. E. 1	Misty	Misty	5		3d Mist, with occasional sprinkling of rain.
4	29.74	...	30.05	54	...	56	...	N. E. 1	...	N. E. 1	5	...	0		4th. Pleasant, though cool. Evening very clear.
5	30.06	30.03	30.01	55	74	64	64.3	N'ly 1	S. W. 2	S'ly 1	3	0	Foggy		5th. Pleasant.
6	30.00	29.94	29.94	61	83	68	70.7	S. W. 1	S. W. 1	S. W.	Foggy	3	0		6th. Very fine. Very brilliant aurora, which continued through the night.
S 7	29.94	29.90	29.92	68	86	70	74.7	S. W. 1	S. W. 1	S. W. 1	0	4	0		7th. Warm and very damp. Brilliant aurora visible this morning between 3 and 4 o'clock.
8	29.94	29.92	29.92	72	82	70	74.7	S. W. 1	S. W. 1	S. W. 1	6	Shower	0		8th. Sultry. Sprinkling of rain in the morning. Clear in the afternoon and evening.
9	29.95	29.98	30.03	71	80	63	71.3	W. 1	E'ly 2	E'ly 1	0	6	8		9th and 10th. Pleasant.
10	30.02	29.95	29.95	62	77	67	68.7	N'ly 1	N. E. 2	S'ly 2	0	0	2		11th. Extremely hot and sultry at mid-day.
11	29.92	29.86	29.90	71	87	74	77.3	S. E'ly 1	S. E'ly 1	N.W'ly 1	5	3	2		12th. Extremely hot. Sprinkling of rain from 8 to 9 P. M.
12	29.84	29.76	29.70	66	87	74	75.7	S'ly 1	S. E'ly 2	W'ly 2	2	2	5		13th. Very hot till 4 P. M., when we had a fine shower, with light thunder. Wind came round to N. E., and grew cooler fast; showers continued. At 10 P. M., the thermometer stood at 59°, having fallen 29° in eight hours.
13	29.66	29.61	29.77	69	88	59	72.0	W'ly 2	N. W. 2	N. E. 3	0	5	Rain	0.25	14th. At 6 A. M., the thermometer stood at 48°; at 9 A. M., at 52° in the shade and exposed to a current of air, having varied through 40° in sixteen hours.
S 14	29.97	29.99	30.13	48	59	47	51.3	N. E. 3	N. E. 2	N. E. 1	8	0	0		15th. White frost this morning in some places in this vicinity. The day cool, but pleasant.
15	30.26	30.28	30.30	40	60	47	49.0	N. 2	N'ly 2	Calm	0	0	0		16th. Very fine.
16	30.32	30.25	30.24	43	64	50	52.3	N. W. 1	N. W. 1	N. W. 1	0	0	0		17th. Very fine. Evening cool. Fires necessary.
17	30.26	30.24	30.25	46	65	47	52.7	N. W. 2	N. E. 2	N. E. 1	1	0	0		18th. Very fine.
18	30.22	30.14	30.09	44	68	53	55.0	N. E. 1	E'ly 2	Calm	0	1	0		19th. Very fine; the top of the ground quite dry.
19	30.00	29.89	29.89	52	75	57	61.3	S. E. 1	S. E. 1	S'ly 1	3	1	0		20th. Very pleasant; burning sun at mid-day.
20	29.90	29.88	29.87	57	77	64	66.0	S. W. 1	S. W. 2	S. W. 1	1	2	0		21st. Wind came to N. E. from 6 to 7 P. M., with moderate rain.
S 21	29.85	29.81	29.97	63	81	55	66.3	S. W. 1	S. W. 1	N. E. 2	4	5	Rain	0.10	22d. Cloudy, but no rain.
22	30.08	30.13	30.14	46	54	49	49.7	N. E. 2	N. E. 2	N. E. 1	10	10	10		23d. Rain in the evening.
23	30.00	29.74	29.48	43	58	62	54.3	E'ly 2	S. E. 2	S. W. 2	8	10	Rain	0.40	24th. Air very dry and clear.
24	29.66	29.77	30.00	49	57	40	48.7	N. W. 2	N. W. 3	N. W. 1	6	0	0		25th. Very fine.
25	30.08	30.04	29.98	35	57	42	44.7	N'ly 1	S'ly 1	E'ly 1	0	0	0		26th. Air raw in the afternoon. Sprinkling of rain in the evening.
26	29.88	29.80	29.75	42	62	55	53.0	N.W'ly 1	S. E'ly 2	S'ly 2	9	5	Sprin'le		27th. Morning rainy. Clouds broken in the afternoon. Rain again during the night.
27	29.65	29.63	29.69	57	65	62	61.3	N. E. 1	N. E. 1	N'ly 1	Rain	10	10	0.87	28th. A good deal of mist, without rain.
S 28	29.70	29.73	29.79	57	66	62	61.7	N. E. 2	N. E. 1	N. E'ly 1	Misty	0	Misty		29th. Light rain in the morning. Remarkable aurora of red light, which was very brilliant at 7½ P. M., forming a splendid crown of light a little south of the zenith.
29	29.85	29.80	29.69	57	64	57	59.3	S. E'ly 1	S. E'ly 1	N. W. 1	Rain	10	7	0.25	30th. Pleasant.
30	29.64	29.67	29.70	57	64	57	59.3	S. W. 2	W'ly 2	N.W'ly 1	0	9	0		
Means	29.94	29.91	29.94	55.2	70.1	57.6	...	1.4	1.7	1.2	4.2	4.0	4.0	2.47	
								1.4			4.1				
REDUCED TO SEA LEVEL.															
Max.	30.50	30.46	30.48	72	88	74	77.3								
Min.	29.82	29.79	29.66	35	54	40	44.7								
Mean	30.12	30.08	30.12												
Range	0.68	0.67	0.82	37	34	34	32.6								

Prevailing winds from some point between—	Days.
N. & E.	11
E. & S.	8
S. & W.	6
W. & N.	5

	Days.
Clear	12
Variable	8
Cloudy	
Rain fell on	10

Mean of month	30.107	...	...	...	61.0
Extreme range	0.84	...	...	...	53.0

October, 1851. New Moon, 24d. 10h. 2m. A. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.		
1	...	29.79	29.90	...	60	49	...	...	N. W. 1	N. W. 1	...	3	0		1st. Pleasant. Evening very clear.
2	29.97	29.94	29.88	42	62	47	50.3	N. W. 1	N. W. 1	N. W. 1	0	0	0		2d. Very fine. Aurora at the north, quite distinct, but not brilliant.
3	29.72	29.58	29.50	43	60	47	50.0	S. E. 1	S. E'ly 2	S. E. 1	1	1	6		3d, 4th, and 5th. Pleasant.
4	29·51	...	29.70	46	...	54	...	N. W. 1	...	N. W. 1	7	...	2		6th and 7th. Very fine.
S 5	29.76	29.79	29.91	52	60	48	53.3	N'ly 1	N'ly 1	N. W. 2	8	10	0		8th. Very fine. Warmer at mid-day than for the last fortnight.
6	30.00	29.95	29.97	42	61	47	50.0	N. W. 1	N. W. 1	E'ly 1	0	0	0		9th and 10th. Very fine.
7	30.00	30.00	30.00	47	65	49	53.7	N. W. 1	S'ly 1	S. E'ly 1	0	0	0		11th. Pleasant.
8	30.03	30.01	30.05	48	69	54	57.0	S'ly 1	S'ly 2	S. W'ly 2	0	0	0		12th. Warm. Sultry air from the S. E., with occasional light showers.
9	30.16	30.13	30.21	51	70	54	58.3	S'ly 1	S. E'ly 2	S'ly 1	0	0	0		13th. Showery in the morning. Clouds broken in the evening, and partly clear. Air through the day warm and damp.
10	30.13	30.02	29.98	48	68	52	56.0	S'ly 1	S. E'ly 2	S'ly 1	Foggy	0	0		14th. Very pleasant.
11	30.00	29.94	29.94	49	75	63	62.3	N'ly 1	S'ly 1	S. W'ly 2	2	5	6		15th and 16th. Very fine.
S 12	29.89	29.78	29.76	62	70	66	66.0	S'ly 1	S. E'ly 2	S. E'ly 1	10	Rain	Shower	0.75	17th. Evening very still and clear.
13	29.63	29.45	29.54	66	70	60	65.3	S. E'ly 2	S'ly 2	W'ly 2	Misty	Misty	5		18th. Pleasant. Appearances of rain in the evening.
14	29.61	29.64	29.66	48	60	49	52.3	W'ly 1	S. W'ly 3	N. W'ly 1	3	4	2		19th. Rain last night and this morning Mostly clear in the evening.
15	29.70	29.75	29.90	46	59	43	49.3	N. W. 2	N. W. 2	N. W. 2	0	3	0		20th. Very fine. Aurora in the evening, with streamers quite bright.
16	30.02	30.04	30.06	36	53	41	43.3	N. W. 2	N. W. 2	W'ly 1	0	0	1		21st. Very mild. Lightning at the N. W. in the evening.
17	30.11	30.05	30.06	34	55	42	43.7	N. W. 1	S. E'ly 2	Calm	3	5	0		22d Moderate showers through the day. Stars out in the evening.
18	30.05	29.99	29.84	41	65	57	54.3	S'ly 1	S'ly 2	S. E'ly 3	2	8	10		23d. Very fine. Faint aurora in the evening.
S 19	29.26	29.08	29.34	49	53	50	50.7	N. E. 4	N. E. 2	N. W. 2	Rain	Misty	2	1.10	24th. Pleasant.
20	29.60	29.62	29.75	47	60	48	51.7	N. W'ly 2	N. W. 2	N. W. 1	1	1	0		25th. Pleasant in the morning. Cloudy in the afternoon. Light rain began at 9 P. M. Wind very fresh at S. W.
21	29.79	29.74	29.74	47	68	62	59.0	S'ly 1	S. E'ly 2	S'ly 1	Foggy	3	10		26th. Light rain at intervals through the day. Rain and storm increased in the evening.
22	29.82	29.76	29.74	55	55	50	53.3	N. W. 1	N. W. 1	N. W. 1	10	Rain	7	0.15	27th. Snowing briskly at sunrise this morning, with fields and buildings covered with snow. Up to this day, there has been no frost on College Hill to injure the most delicate plants.
23	29.77	29.79	29.98	39	51	38	42.7	N. W. 2	N. W. 4	N. W. 2	0	2	0		28th. The ground slightly frozen this morning; snow still remaining on the north sides of fences and buildings.
24	29.87	29.78	29.70	38	55	50	47.7	N. W. 1	W'ly 3	S. W. 2	5	1	5		29th. Very mild.
25	29.72	29.49	29.40	49	63	58	56.7	S. W. 3	S. W. 3	S. W. 3	0	8	Rain		30th. Heavy rain and wind in the evening.
S 26	29.41	29.42	29.29	51	53	40	48.0	W'ly 2	N. W. 1	N'ly 2	9	Rain	Rain	1.20	31st. Pleasant.
27	29.18	29.40	29.71	32	35	30	32.3	N'ly 3	N. W. 2	N. W. 1	Snow	2	0		
28	29.96	29.91	29.96	33	51	50	44.7	S. W. 2	S. W. 3	S. W. 1	9	8	10		
29	30.08	30.05	30.00	50	64	56	56.7	S. W. 2	S. W. 2	S. W. 2	9	10	10		
30	29.87	29.71	29.53	58	63	61	60.7	S'ly 3	S. E'ly 3	S. E. 3	4	Misty	Rain		
31	29.44	29.44	29.57	55	60	44	53.0	N. W. 2	N. W. 2	N. W. 1	8	4	0		
Means	29.80	29.77	29.79	46.8	60.4	50.3	...	1.6	2.0	1.5	4.7	4.6	3.7	3.20	
									1.7			4.3			
REDUCED TO SEA LEVEL.															
Max.	30.34	30.31	30.39	66	75	66	66.0								
Min.	29.36	29.26	29.47	32	35	30	42.7								
Mean	29.98	29.94	29.97												
Range	0.98	1.05	0.92	34	40	36	23.3								
Mean of month			29.963	...	...	...	52.5								
Extreme range			1.13	...	...	...	45.0								

Prevailing winds from some point between—	Days.
N. & E.	1
E. & S.	9
S. & W.	7
W. & N.	14

	Days.
Clear	11
Variable, Cloudy	13
Rain or snow fell on	7

November, 1851. New Moon, 22d. 8h. 58m. P. M.

	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.		
1	29.63	29.66	29.68	40	56	45	47.0	N. W. 1	N. W. 2	N. W. 1	0	1	7		1st. Very fine.
S 2	29.50	29.31	29.21	44	56	52	50.7	N. W. 1	S. W. 1	S. W. 1	7	Rain	6	0.25	2d. Rain from 11 A. M. to 3 P. M.
3	29.07	29.04	29.12	45	52	43	46.7	N. W. 2	N. W. 2	N. W. 2	6	10	Misty		3d. Occasional mist.
4	29.22	29.29	29.40	37	43	35	38.3	N. W. 2	N. W. 2	N. W. 2	5	10	7		4th. Variable.
5	29.55	29.57	29.73	30	42	35	35.7	N. W. 2	N. W. 3	N. W. 2	0	0	7		5th. Pleasant.
6	29.87	29.82	29.91	26	38	28	30.7	N. W. 2	N. W. 2	N. W. 1	0	0	0		6th and 7th. Very fine.
7	29.94	29.96	29.98	26	38	30	31.3	N. W. 2	N. W. 2	N. W. 1	0	0	0		8th. Appearances of rain in the evening.
8	29.98	29.92	29.89	30	47	45	40.7	N. W. 2	S. W. 2	S. W. 3	0	5	10		9th. Mild, with appearances of rain.
S 9	29.94	29.95	30.00	43	51	42	45.3	W'ly 1	N. W. 1	N. W. 2	10	8	10		10th. Showery in the afternoon. Very clear late in the evening.
10	29.97	29.83	30.10	38	44	30	37.3	N. W. 2	N. W. 1	N. W. 1	10	Rain	0		11th. Cold, but fine.
11	30.31	30.39	30.52	24	32	23	26.3	N. W. 1	N. W. 2	N. W. 2	0	0	6		12th. Very pleasant.
12	30.51	30.35	30.16	19	34	32	28.3	N. W. 1	N. W. 1	N. W. 1	0	0	5		13th. Pleasant. Kept a look-out for meteors in the evening, but none were observed.
13	30.01	29.97	29.94	32	36	28	32.0	N. W. 1	N. W. 2	N. W. 3	8	8	2		14th. Began to mist from 8 to 9 P. M.
14	29.92	29.80	29.67	26	42	34	34.0	N. W. 1	N. W. 1	S. W. 1	9	9	Misty		15th. Heavy rain. Clouds broken at 4 P. M., and wind shifted from N. E. to N. W. Evening clear. At 3½ P. M., the barometer stood, reduced to the sea level, at 29.11, and commenced rising at 4 P. M., and continued to rise rapidly. Wind very blustering in the evening. The barometer has not fallen so low since January 29th, when it stood at 29.06.
15	29.42	28.95	29.42	34	40	38	37.3	N. E. 2	N. E. 2	...	Rain	Rain	0	1.70	
S 16	29.66	29.80	29.91	34	43	33	36.7	N. W. 2	N. W. 1	N. W. 1	8	2	5		
17	29.89	29.79	29.89	32	48	35	38.3	E'ly 1	S. W. 1	N. W. 1	8	5	0		16th. Pleasant.
18	29.92	29.96	30.00	32	43	31	35.3	N. W. 1	N. W. 2	N. W. 1	3	8	10		17th. Light showers in the morning. Clear at 10 P. M.
19	30.06	30.05	30.08	27	38	29	31.3	N. W. 2	N. W. 2	N. E. 1	0	4	0		18th. Pleasant.
20	30.10	30.05	29.92	25	43	35	34.3	N. E'ly 1	E'ly 2	E'ly 2	1	10	10		19th. Very fine.
21	29.61	29.17	29.15	40	55	44	46.3	N. E. 2	S. E'ly 3	W'ly 3	Rain	Rain	0	2.25	20th. Air chilly, with appearances of storm.
22	29.31	29.45	29.61	36	45	40	40.3	W'ly 2	W'ly 2	W'ly 2	1	8	5		21st. Heavy rain in the morning, and moderate rain in the afternoon. The barometer reached its lowest point at 7 P. M., 29.26 (reduced), and began to rise Clear at 10 P. M.
S 23	29.78	29.76	29.80	33	45	40	39.3	S. W. 2	W'ly 2	W'ly 2	2	8	10		
24	29.74	29.76	29.91	31	44	32	35.7	W'ly 1	W'ly 2	N. W. 2	2	1	2		22d. Variable.
25	29.94	29.78	29.30	28	34	33	31.7	W'ly 1	N. E'ly 1	E'ly 3	7	10	Rain	0.70	23d. Pleasant.
26	29.24	29.59	29.91	31	35	28	31.3	N'ly 2	N. W. 3	N. W. 1	10	2	0		24th. Very fine.
27	30.06	30.03	29.91	27	40	32	33.0	N. W. 2	N. W. 2	W'ly 1	0	1	8		25th. Snow commenced falling at 3 P. M. and continued till 8 P. M., when it turned to rain, with from two to three inches of snow on the ground.
28	29.62	29.33	29.16	37	45	39	40.3	S. W. 1	S. W. 1	N. W. 3	Rain	Rain	2	0.15	
29	29.40	...	29.75	37	...	31	...	W'ly 4	...	N. W. 1	6	...	0		26th. Cloudy at intervals in morning. Evening clear. Ground covered with snow.
S 30	29.82	29.77	29.83	28	40	32	33.3	N. W. 1	N. W. 2	N. W. 2	0	3	8		27th. Pleasant overhead. Snow still remains in many places.
Means	29.77	29.73	29.76	32.4	43.1	35.1	...	1.6	1.8	1.7	4.4	5.6	5.0	5.05	28th. Drizzling rain through the day. Very clear at 11 P. M.
									1.7			5.0			29th. Very blustering in the morning. Evening still and clear
REDUCED TO SEA LEVEL.															30th. Pleasant.
Max.	30.69	30.57	30.70	45	56	52	50.7								
Min.	29.25	29.13	29.30	19	32	23	26.3								
Mean	29.95	29.91	29.94												
Range	1.44	1.44	1.40	26	24	29	24.4								
Mean of month			29.933	...	...	...	36.9								
Extreme range			1.57	...	...	...	37.0								

Prevailing winds from some point between—	Days.
N. & E.	4
E. & S.	0
S. & W.	6
W. & N.	20

	Days.
Clear	8
Variable, Cloudy	16
Rain fell on	6

December, 1851. New Moon, 22d. 10h. 26m. A. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water	REMARKS.
	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.		
1	29.76	29.60	29.63	24	30	27	27.0	N. W. 3	N. W. 4	N. W. 2	0	0	0		1st. Very blustering, and very clear.
2	29.62	29.50	29.46	23	31	24	26.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		2d. Pleasant.
3	29.52	29.53	29.64	19	32	24	25.0	N. W. 2	N. W. 1	N. W. 1	1	0	3		3d. Very fine.
4	29.66	29.34	29.84	27	32	26	28.3	N. W. 2	N'ly 1	N'ly 2	10	10	10		4th. Appearances of storm in the evening.
5	29.99	30.01	30.22	27	28	19	24.7	N'ly 2	N. W. 2	N. W. 2	10	4	0		5th. Cloudy in morning. Evening very clear and cold.
6	30.34	30.35	30.33	14	27	23	21.3	N'ly 2	N. W. 1	N. W. 2	0	0	3		6th. Fine.
S 7	30.24	30.17	30.01	27	32	32	30.3	N'ly 1	S'ly 1	S'ly 1	10	Snow	10		7th. Light shower of hail and snow from noon to 1 P. M.
8	29.86	29.50	29.52	34	47	42	41.0	S. W. 1	S. W. 2	W'ly 3	Rain	8	2		8th. Light shower at sunrise. Clouds broken in the afternoon. Heavy dashes of rain at 8 P. M., and clear and gusty at 10 P. M.
9	29.76	29.75	29.87	31	38	29	32.7	N. W. 3	W'ly 4	N. W. 1	0	5	0		9th. Very blustering through the day. Evening calm and very clear.
10	29.40	29.53	29.36	29	37	36	34.0	N. W. 1	S. W. 3	S. W'ly 2	9	0	7		10th. Pleasant.
11	29.64	29.69	29.79	19	22	18	19.7	N. W. 4	N. W. 3	N. W. 2	2	0	0		11th. Very cold and wind severe.
12	29.83	29.74	29.51	17	27	39	27.7	N. W. 1	E'ly 2	S'ly 1	9	10	10		12th. Flurry of snow from 3 to 4 P. M.
13	29.54	29.53	29.62	27	38	20	28.3	W'ly 2	N. W'ly 1	N. W. 3	8	3	0		13th. Mild through the day. Grew cold very fast in the evening, with severe wind.
S 14	29.90	29.90	29.74	11	24	23	19.3	N. W. 1	N. W. 2	S. W. 2	0	2	10		14th. Air very raw in the afternoon, with wind S. W.
15	29.65	29.39	29.32	31	32	26	29.7	N. E. 2	N. E. 1	N. W. 2	Snow	10	10	0.50	15th. Began to snow from 6 to 7 A. M., and continued till 1 P. M.; snow about four inches on the level. Snow again late in the evening.
16	29.40	29.62	29.75	22	21	12	18.3	W'ly 2	W'ly 2	N. W. 1	0	0	0		16th. Between six and seven inches of snow on the ground this morning. Evening still and cold.
17	29.76	29.75	29.72	0	13	5	6.0	N. W. 1	N. W. 2	N. W. 2	0	0	0		17th. Wind light, but very cold.
18	29.64	29.59	29.60	1	15	14	10.0	N. W. 2	W'ly 2	W'ly 2	0	0	0		18th. Cold, but not unpleasant.
19	29.60	29.54	29.44	14	29	20	21.0	S. W. 2	S. W. 2	S. W. 2	0	0	0		19th. Very fine.
20	29.35	29.31	...	25	33	...	...	S. W. 1	S. W. 2	...	3	2	...		20th. Pleasant.
S 21	29.91	29.88	30.05	15	28	16	19.7	W'ly 2	W'ly 3	N. W. 1	2	10	0		21st. Pleasant. Evening very clear.
22	30.11	30.05	29.94	17	25	20	20.7	E'ly 1	N. E'ly 1	N'ly 2	9	10	10		22d. Rather mild, with appearances of storm.
23	29.80	29.82	30.05	17	24	14	18.3	N. E. 2	N'ly 2	N. W. 1	Snow	10	0		23d. About an inch of light snow on the ground this morning. Evening cold and clear.
24	30.03	29.97	29.62	10	26	29	21.7	N. W. 1	S. W. 1	S. W. 3	8	10	Snow		24th. Flurry of snow in the evening.
25	29.64	29.77	29.94	27	29	9	21.7	S. W'ly 2	N. W. 3	N. E. 2	5	8	Snow		25th. Cold in the afternoon. Flurry of snow at 10 P. M.
26	30.06	30.18	30.32	—1	10	4	4.3	N. W. 2	N'ly 2	N'ly 2	1	0	0		26th. Extremely cold.
27	30.48	30.43	30.33	1	21	23	11.3	N. W'ly 2	N. W. 1	E'ly 1	0	10	10		27th. Very cold morning. Weather moderated, and appearances of storm in the evening.
S 28	30.09	29.94	29.79	34	46	45	41.7	S. E'ly 1	S'ly 1	S'ly 2	Misty	Rain	Rain	0.87	28th. Light steady rain in the afternoon and evening.
29	29.79	29.84	29.95	43	50	37	43.3	W'ly 1	W'ly 2	N. W. 1	10	2	1		29th. Very mild and pleasant.
30	30.01	29.96	29.88	33	46	44	41.0	W'ly 2	S. W. 2	S. W. 1	2	3	10		30th. Pleasant.
31	29.89	29.79	29.51	43	46	50	46.3	S. W. 1	S. W. 2	S'ly 2	8	Misty	Rain	1.25	31st. Commenced raining from 6 to 7 P. M.
Means	29.81	29.77	29.79	21.3	30.3	25.0	...	1.7	1.9	1.7	4.7	4.7	4.5	2.62	
									1.8			4.6			
REDUCED TO SEA LEVEL.															
Max.	30.66	30.61	30.51	43	50	50	46.3								
Min.	29.53	29.49	29.50	—1	10	4	4.3								
Mean	29.99	29.95	29.97												
Range	1.23	1.12	1.01	44	40	46	42.0								
Mean of month			29.970	...	...	...	25.5								
Extreme range			1.17	...	...	...	51.0								

Prevailing winds from some point between—	Days.
N. & E.	3
E. & S.	2
S. & W.	8
W. & N.	18

	Days.
Clear	11
Variable	12
Cloudy	
Rain or snow fell on	8

January, 1852. New Moon, 21d. 2h. 19m. A. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.58	29.69	29.84	38	42	33	37.7	N. W. 2	N. W. 2	N. W. 1	10	10	0		1st. Cloudy, with occasional mist during the day. Evening very clear, and as mild as spring.
2	29.94	29.89	29.86	25	31	26	27.3	N'ly 2	N. E. 2	N. E. 2	3	10	5		2d. Air rather raw in the afternoon.
3	29.88	29.77	29.73	25	30	27	27.3	N. E. 2	N. E. 2	N. E. 3	10	10	Snow		3d. Air filled with snow during the greater part of the day.
S 4	29.59	29.46	29.36	32	32	30	31.3	N. E. 3	N. E. 2	N. E. 3	R'n, sn.	Rain	Misty	1.20	4th. Moderate rain, hail, and mist.
5	29.28	29.24	29.28	32	36	35	34.3	N. E. 2	N'ly 2	N. W. 1	Snow	10	9		5th. Snow in the morning. Clouds broken and the moon out in the evening.
6	29.16	28.91	28.89	32	34	31	32.3	N. E'ly 2	N. E. 3	N. E. 3	Misty	R'n, h'l	Snow	0.80	6th. Rain, hail, and snow during the day. In the evening, damp heavy snow. At 11 P. M., the barometer (not reduced) stood at 28.90, being the lowest point reached since Dec. 23, 1850, when it fell to 28.60.
7	29.05	29.27	29.55	28	29	16	24.3	N. W. 3	N. W. 3	N. W. 3	10	8	0		7th. From eight to ten inches of snow on the level this morning.
8	29.70	29.76	29.78	12	28	17	19.0	N. W. 3	N. W. 2	N. W. 1	0	2	2		8th. Pleasant.
9	29.64	29.47	29.50	17	31	29	25.7	N'ly 1	N'ly 2	N'ly 1	10	10	10		9th. Flurry of snow from noon to 1 P. M., and again during the night.
10	29.61	29.67	29.69	29	40	33	34.0	N. W'ly 1	S. W. 2	S. W. 1	10	8	10		10th. Very mild, with appearances of storm in the evening.
S 11	29.56	29.45	29.52	31	37	26	31.3	N'ly 1	N'ly 1	N. W'ly 2	Snow	10	0		11th. Light snow in air in the morning. Evening clear.
12	29.53	29.52	29.53	25	31	18	24.7	N. W'ly 2	W'ly 3	N. W. 3	8	2	10		12th. Severe wind in the afternoon and evening.
13	29.52	29.44	29.32	18	25	16	19.7	N. W. 2	W'ly 2	W'ly 2	7	3	10		13th. Pleasant. Evening cloudy and air raw.
14	29.40	29.48	29.30	11	26	26	21.0	N. W. 2	W'ly 2	W'ly 2	0	10	0		14th. Flurry of snow during the night. This morning clear and cold.
15	29.31	29.27	29.44	29	36	24	29.7	S. W. 2	S. W. 2	N. W. 2	9	6	Snow		15th. Pleasant. Flurry of snow in the evening, and wind changed from S. W. to N. W.
16	29.63	29.53	29.43	—2	13	20	10.3	N. W. 1	S. W. 1	S. W. 1	0	5	0		16th. Flurry of snow from 7 to 8 P. M. Clear and mild at 10 P. M.
17	29.74	29.83	30.05	19	22	10	17.0	S. W'ly 2	N. W. 3	N. W. 1	6	2	5		17th. Severe wind at mid-day.
S 18	30.12	29.98	29.66	11	12	6	9.7	N. W. 1	N. E. 2	N. E. 3	10	Snow	Snow	0.60	18th. Snow mist this morning. Snow increased during the day, and still more in the evening, the wind and cold being very severe.
19	29.44	29.48	29.80	5	8	2	5.0	N. E. 3	N'ly 2	N. W. 1	Snow	Snow	0		19th. Snow continued to fall moderately till 2 P. M. Six or seven inches have fallen, and it is much drifted. Aurora at the north quite bright in the evening, but without streamers.
20	30.20	30.17	30.13	—1	8	8	5.0	W'ly 1	W'ly 2	W'ly 2	0	0	0		20th. Very cold.
21	30.04	29.83	29.77	9	29	11	16.3	S. W. 2	S. W. 1	N. W. 1	7	10	0		21st. More pleasant. Evening clear.
22	29.88	29.93	30.12	4	19	8	10.3	N. W. 2	N. W. 2	N. W. 1	0	2	0		22d. Cold, but not unpleasant. Evening clear.
23	30.14	30.13	30.34	7	23	10	13.3	N. W. 1	W'ly 2	N. W. 2	0	10	0		23d. Pleasant.
24	30.13	29.99	30.02	11	30	24	21.7	W'ly 2	W'ly 3	S. W. 1	0	0	0		24th. Very pleasant.
S 25	30.02	29.91	29.75	20	39	31	30.0	S. W. 1	S. W. 1	S. W'ly 1	0	0	2		25th. Very mild and pleasant. Aurora with streamers in evening, but not very conspicuous.
26	29.51	29.47	29.56	35	43	27	38.3	S. W. 2	S. W'ly 1	N. W. 1	10	5	0		26th. Very cold.
27	29.66	29.70	29.83	14	25	16	18.3	N. W. 2	W'ly 1	N. W. 1	0	0	0		27th. Very fine.
28	29.88	...	29.60	23	...	37	...	S. W. 1	...	S'ly 2	5	...	10		28th. Pleasant.
29	29.56	29.62	29.74	38	44	37	39.7	N. W. 1	N. W. 2	N. W. 1	9	0	6		29th. Very pleasant.
30	29.96	29.95	29.98	30	40	30	33.3	N. W. 2	N. E'ly 1	N. E. 2	8	9	10		30th. Appearances of storm in the evening.
31	30.14	30.18	30.10	28	27	27	27.3	N. E. 2	N. E. 3	N. E. 2	Snow	Snow	Snow	0.10	31st. Snow fell at intervals during the day, from one to two inches deep on the level.
Means	29.70	29.67	29.69	20.5	29.0	22.3	...	1.8	2.0	1.7	6.4	6.4	4.7	2.70	
									1.8			5.8			
REDUCED TO SEA LEVEL.															
Max.	30.38	30.36	30.52	38	44	37	39.7								
Min.	29.23	29.09	29.07	—2	8	2	5.0								
Mean	29.88	29.85	29.87												
Range	1.15	1.27	1.45	40	36	35	34.0								
Mean of month			29.867	...	...	...	23.9								
Extreme range			1.45	...	...	...	46.0								

Prevailing winds from some point between—	Days.
N. & E.	7
E. & S.	0
S. & W.	8
W. & N.	16

	Days.
Clear	7
Variable	11
Cloudy	
Rain or snow fell on	13

February, 1852. New Moon, 19d. 7h. 46m. P. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
S 1	29.75	29.53	29.56	31	24	23	26.0	N. E'ly 2	N'ly 2	N'ly 2	Misty	8	Snow	0.33	1st. Mist, hail, snow, and some sunshine.
2	29.54	29.62	29.73	20	30	21	23.7	N'ly 2	N. W. 2	N. W. 1	10	9	0		2d. Cloudy in morning. Evening very clear.
3	29.80	29.79	29.82	18	30	21	23.0	N. W. 2	N. W. 1	N. W. 1	0	0	0		3d and 4th. Very fine.
4	29.76	29.61	29.57	27	38	32	32.3	S. W. 1	S. W. 2	N'ly 2	10	3	0		5th. Mild and pleasant. Evening very clear.
5	29.60	29.56	29.63	28	50	37	38.3	S. W'ly 1	W'ly 1	W'ly 1	10	1	0		6th. Pleasant. Light shower from 7 to 8 P. M.
6	29.67	29.61	29.33	32	44	38	38.0	N. W. 1	S. W. 1	S'ly 1	0	0	Sprinl'g		7th. Pleasant in the morning. Blustering in the afternoon and evening.
7	29.36	29.44	29.61	36	44	32	37.3	S. W'ly 1	W'ly 3	W'ly 4	2	10	0		8th and 9th. Very fine.
S 8	29.85	29.92	29.99	24	30	24	26.0	N. W. 1	N. W. 2	N. W. 1	0	0	0		10th. Fine during the day. Evening cloudy, with indications of storm.
9	29.97	29.89	29.91	23	39	34	32.0	N. W. 1	S. W. 3	S. W. 2	0	1	2		11th. Moderate rain through the day.
10	29.97	29.95	29.80	27	44	38	36.3	S'ly 1	S'ly 2	S. W. 1	1	0	10		12th. Flurry of snow at 8 A. M., and again at 1 P. M. The ground nearly bare of snow.
11	29.48	29.33	29.21	43	50	42	45.0	S'ly 2	S'ly 3	S'ly 1	Rain	Rain	10	0.75	13th. Flurry of snow from 6 to 7 P. M.
12	29.34	29.33	29.59	35	36	24	31.7	W.byS. 2	W.byS. 3	W'ly 3	10	7	2		14th. Light snow in the afternoon—ground just covered. Clear at 10 P. M., and cold.
13	29.90	29.81	29.80	22	34	26	27.3	W.byN. 2	W byN. 2	S. W. 2	4	10	10		15th. Air raw in afternoon; wind S. W. Appearances of storm in the evening.
14	29.79	29.78	29.93	24	24	17	21.7	N'ly 2	N. E. 2	N'ly 1	10	Snow	0		16th. Snowing at sunrise, which continued more or less till 10 A. M., when the clouds brushed away. Snow from two to three inches on the level. Evening clear and cool.
S 15	30.02	29.83	29.64	11	28	28	22.3	N. W. 2	N.W'ly 1	S. W. 2	0	0	10		
16	29.29	29.21	29.36	32	32	21	28.3	W.byS. 1	W'ly 3	N. W. 2	Snow	0	0	0.30	
17	29.45	29.49	29.67	13	24	18	18.3	N. W. 2	N. W. 3	N. W. 1	2	0	4		17th. Cold, but pleasant. Aurora in evening.
18	29.83	29.86	30.16	17	28	9	18.0	S. W. 1	W'ly 2	N. W. 2	0	3	0		18th. Pleasant. Grew cold in the afternoon.
19	30.32	30.27	30.34	2	22	8	10.7	N. W. 1	N'ly 1	N. W. 2	7	9	1		19th. At 9 A. M., barom. 30.40. Very brilliant aurora in the evening, streamers and merry dancers, exhibiting in turn red, pink, green, and white light. At 10 h. 20 m., a most beautiful crown of red and white light was formed a little south of the zenith, the wind at the time being light from the N. W., and the thermometer standing at 8°. The merry dancers seemed to spring up in every part of the heavens, with a movement for the most part towards the zenith.
20	30.44	30.42	30.39	4	20	12	12.0	N. W. 2	N. W. 2	N. W. 2	0	0	0		
21	30.35	30.22	29.94	7	30	29	22.0	N. W. 1	S. W'ly 2	S. W. 2	0	10	10		
S 22	29.52	29.41	29.43	26	36	32	31.3	N. E. 2	N.W'ly 2	N. W. 1	Snow	10	5	0.30	
23	29.33	29.26	29.26	35	43	36	38.0	W.N.W 1	W.N.W.2	W'ly 1	10	4	10		
24	29.28	29.27	29.30	30	45	37	37.3	W byN. 1	W.byS. 1	S'ly 2	5	2	10		
25	29.10	28.99	29.26	36	54	36	42.0	S. W. 2	S'ly 1	N. W. 4	3	9	0		20th. Cold, but pleasant.
26	29.58	29.78	29.91	24	35	24	27.7	N. W. 2	W'ly 3	N. W. 2	0	3	2		21st. Pleasant. Cloudy in the afternoon and evening.
27	30.01	30.06	30.12	17	32	28	25.7	N. W. 2	N. W. 3	N. W. 2	0	2	Hazy		
28	30.09	29.53	29.01	27	31	41	33.0	N. E. 2	S. E'ly 3	S'ly 3	Snow	Snow	Rain	1.40	22d. Snow in the morning.
S 29	29.40	29.77	29.98	25	27	21	24.3	N.W'ly 4	N. W. 3	N. W. 1	0	0	2		23d. Snowed moderately from 8 to 10 A. M.
Means	29.72	29.67	29.70	24.0	34.6	27.2	...	1.5	2.1	1.8	4.6	4.5	4.4	2.00	24th. Mild and pleasant.
									1.8			4.5			25th. The warmest day since Nov. 21, 1851. Thermometer 54° at 1 P. M.
REDUCED TO SEA LEVEL.															26th. Pleasant.
Max.	30.62	30.60	30.57	43	54	42	45.0								27th. Pleasant. Thick haze in the evening.
Min.	29.28	29.17	29.19	2	20	8	10.7								28th. Steady snow in the morning; wind E'ly. Rain in the afternoon; wind hauling to S. E. Rain continued in evening, wind changing to S. W'ly. At 11 P. M., barometer 29.05; at midnight, 29.30; half hour later, 29.00, when it seemed to be stationary, and probably began to rise very soon.
Mean	29.90	29.85	29.88												
Range	1.34	1.43	1.38	41	34	34	34.3								29th. Very blustering.
Mean of month			29.877	...	...	...	28.6								
Extreme range			1.45	...	...	...	52.0								

Prevailing winds from some point between—	Days.
N. & E.	2
E. & S.	2
S. & W.	11
W. & N.	14

	Days.
Clear	8
Variable, Cloudy	11
Rain or snow fell on	10

March, 1852. New Moon, 20d. 1h. 34m. P. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	30.04	29.95	29.84	21	30	24	25.0	N. W. 2	N'ly 1	N. E'ly 2	1	10	10		1st. Cold and raw, with indications of storm.
2	29.65	29.67	30.04	25	23	13	20.3	N. E. 2	N.W'ly 2	N. W. 3	Misty	Snow	0		2d. The air full of mist. Hail and snow during the day. Clouds broken at sunset. Evening clear and cold.
3	30.21	30.25	30.37	10	24	15	16.3	N. W. 2	N. W. 2	N. W. 1	0	0	0		3d. Very clear and cold.
4	30.41	30.33	30.08	11	29	25	21.7	N. W. 2	W'ly 1	S. W'ly 2	0	5	Snow		4th. Very clear in the morning. Overcast in the afternoon. Snow in the evening.
5	29.84	29.67	29.75	26	41	31	32.7	E'ly 1	N.W'ly 1	N. W. 1	10	10	10		5th. Half an inch of fresh snow on the ground this morning.
6	29.89	29.87	29.91	26	40	31	32.3	N. W. 2	N. W. 1	N. W. 1	4	5	10		6th. Pleasant.
S 7	30.03	30.03	30.09	26	35	26	29.0	N. W. 2	N. W. 3	N. W. 1	0	0	0		7th. Very pleasant.
8	30.10	30.01	29.80	26	42	36	34.7	W'ly 1	S. W. 2	S. W. 2	5	3	10		8th. Pleasant through the day. Appearance of storm in the evening.
9	29.52	29.26	29.21	40	54	52	48.7	S. W. 2	S. W. 1	S. W'ly 3	9	9	2		9th. Light showers from 5 to 6 A. M., and again at 6 P. M. Clouds broken in the evening, and quite clear at 11 P. M.
10	29.61	29.82	30.13	38	45	31	38.0	N. W. 2	N. W. 2	N. W. 2	1	2	0		
11	30.38	30.44	30.42	26	46	30	34.0	N.byW. 2	E'ly 1	S. by E. 1	0	0	0		
12	30.29	30.03	29.92	31	54	47	44.0	S. W. 2	S. W'ly 3	S. W. 2	10	9	10		10th. Pleasant.
13	29.87	29.74	29.80	50	58	52	53.3	W N W 1	N'ly 1	N. W. 1	10	10	10		11th. Very fine.
S 14	29.80	29.78	29.61	44	46	36	42.0	N. W. 2	N. E. 3	N. E. 2	10	10	Rain	0.25	12th. Mild. Sprinkling of rain at 6 P. M.
15	29.46	29.40	29.51	36	51	38	41.7	N. E. 2	N. W. 1	W'ly 1	10	9	3		13th. Air damp; occasional sprinkling of rain. The warmest day since Oct. 31, 1851. Ther. 58° at 1 P. M.
16	29.73	29.72	29.78	33	48	38	39.7	N. W. 2	N. W. 2	N. W. 1	0	2	0		
17	29.81	29.75	29.56	34	39	33	35.3	N. E. 2	N. E. 2	N. E. 4	10	10	Snow		14th. Began to rain moderately from 3 to 4 P. M., and continued through the evening.
18	29.51	29.51	29.69	33	35	33	33.7	N. E. 4	N. E. 2	N'ly 2	Rain	Rain	10	1.45	15th. Cloudy in the morning. Warm sunshine from 3 to 5 P M; dashes of rain from 5 to 6 P. M. Starlight and heavy fog in the evening.
19	29.83	29.72	29.81	26	35	27	29.3	N. W. 2	N. W. 2	N.W'ly 2	2	4	10		
20	29.74	29.72	29.88	20	31	22	24.3	N. W. 2	N. W. 3	N. W. 2	0	5	0		
S 21	29.94	29.84	29.57	16	32	33	27.0	N. W. 2	S. W'ly 2	S. W'ly 3	0	8	Snow		16th. Very fine.
22	29.56	29.57	29.49	31	40	35	35.3	N. W. 1	N'ly 2	S. W'ly 1	7	0	10		17th. Air raw. Began to snow from 7 to 8 P. M.
23	29.22	29.02	29.14	36	44	35	38.3	S. E. 2	S. W. 1	W'ly 2	10	Rain	0		18th. Rain and mist during the day.
24	29.31	29.19	29.09	32	43	35	36.7	N. W. 2	S'ly 2	S'ly 1	10	5	10		19th. Air raw and uncomfortable.
25	29.12	29.40	29.62	32	40	33	35.0	N. E. 2	N. W. 2	N. W. 1	Snow	2	0	0.85	20th. Cold and uncomfortable.
26	29.68	29.66	29.57	29	47	41	39.0	N. W. 1	S'ly 2	S'ly 1	2	2	10		21st. Air very raw and cold. Began to snow from 9 to 10 P. M.
27	29.73	29.83	29.93	35	49	40	41.3	N. W. 2	N. E'ly 1	N. E. 2	5	10	10		22d. Ground covered with snow this morning.
S 28	30.07	30.09	30.14	35	48	35	39.3	N. E'ly 2	N. E. 3	N. E. 2	3	0	2		23d. Rain from 11½ A. M. to 2 P. M. Evening clear.
29	30.15	29.97	29.93	30	49	34	37.7	N'ly 1	E'ly 3	N. E'ly 2	3	8	9		24th. Pleasant in the morning. Began to snow from 11 to 12 P. M.
30	29.93	29.87	29.92	32	43	33	36.0	N. E. 2	N. E. 2	E'ly 2	10	10	10		25th. Snow continued till from 8 to 9 A. M.—damp, and from three to four inches deep. Clouds broken in the afternoon. Evening clear.
31	29.93	29.80	29.53	32	40	37	36.3	N. E. 2	S. E. 3	E'ly 2	10	10	Rain	1.00	26th. Snow of yesterday nearly gone.
Means	29.82	29.77	29.77	29.7	41.3	33.3	...	1.9	1.9	1.8	5.5	6.1	6.3	3.55	27th. Cloudy, with some appearance of storm.
									1.9			6.0			28th. Very fine.
REDUCED TO SEA LEVEL.															29th. Air raw. In the evening, wind N. E'ly, clouds at the same time broken and coming from the N. W.
Max.	30.59	30.62	30.60	50	58	52	53.3								30th. Air very raw and uncomfortable. Flakes of snow at 5 P. M.
Min.	29.30	29.20	29.27	10	23	13	16.3								31st. Rain in the afternoon and evening.
Mean	30.00	29.95	29.95												
Range	1.29	1.42	1.33	40	35	39	37.0								
Mean of month			29.967	...	...	...	34.8								
Extreme range			1.42	...	...	...	48.0								

Prevailing winds from some point between—	Days.
N. & E.	8
E. & S.	1
S. & W.	8
W. & N.	14

	Days.
Clear	7
Variable, Cloudy	11
Rain or snow fell on	13

April, 1852. New Moon, 19d. 6h. 37m. A. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.60	29.74	29.77	34	52	37	41.0	N. W. 3	N. W. 3	E'ly 2	2	0	2		1st. Pleasant.
2	29.75	29.63	29.65	37	53	35	41.7	S. W. 2	S'ly 2	N. W'ly 2	3	10	9		2d. Pleasant A. M. Light rain from 5 to 6 P. M.
3	29.74	29.71	29.80	28	37	30	31.7	N. W. 2	N. W. 3	N. W. 2	0	7	0		3d. Blustering and cold. Evening very clear.
S 4	29.88	29.86	29.84	27	45	37	36.3	N. W. 2	N. E. 2	N. E'ly 2	0	4	10		4th. Pleasant in the morning. Appearances of storm in the evening.
5	29.78	29.75	29.50	31	43	32	35.3	N. E. 1	N. E. 2	E'ly 4	9	10	Snow	1.15	5th. Began to snow at 9 P. M.: wind brisk at about E N. E. At 11½ P. M., wind blew heavily.
6	29.30	29.31	29.38	32	35	28	31.7	N. E. 4	N'ly 3	N'ly 1	Snow	Misty	10		6th. Snow continued nearly all day; damp and heavy; eight or nine inches on the level—being the deepest snow during the winter.
7	29.62	29.67	29.69	30	46	35	37.0	N. W. 2	N. W. 1	N. W. 1	7	1	0		7th. Very pleasant. A white bow of 22° 30′ radius about the sun from 11 A. M. to noon.
8	29.73	29.68	29.63	32	52	42	42.0	N. W. 1	W'ly 2	S. W. 1	0	5	10		8th. Pleasant day. Evening thick cloudy.
9	29.44	29.41	29.49	37	34	40	37.0	N.by E. 2	N. E. 2	N. E. 1	10	Snow	10		9th. Began to snow moderately at 9 A. M., and continued till noon, melting as it fell.
10	29.61	29.58	29.68	39	51	43	44.3	N. W. 2	N. W. 3	N. W. 1	3	2	3		10th. Bow round the sun from 9 to 10½ A. M., the upper half being quite well defined and fringed with red on the inside.
S 11	29.73	29.69	29.72	35	56	43	44.7	N. W. 1	N. W. 1	S'ly 1	0	0	10		11th. Very fine morning. Cloudy evening. The snow of the 5th and 6th lingers in some places.
12	29.75	29.72	29.64	42	45	36	41.0	S. E'ly 2	E'ly 2	N. E. 3	10	Sprinl'g	Misty		12th. Frequent sprinkling and mist during day.
13	29.49	29.49	29.54	32	32	34	32.7	N. E. 3	N. E. 3	N'ly 1	R'n, h'l	Snow	5	1.65	13th. Rain at 5 A. M; turned to hail at 7 A. M., and then to snow, which continued till sunset, with pretty heavy wind at N. E., and then N. N. E. Partially clear in evening. Seven inches of snow.
14	29.62	29.59	29.53	36	56	40	44.0	N'ly 1	E'ly 2	E'ly 2	0	3	10		14th. Pleasant. Snow melting rapidly.
15	29.43	29.16	29.00	37	38	35	36.7	E'ly 2	N. E. 2	N. E. 2	10	Rain	Misty	1.35	15th. Rain began at 7 A. M.; continued all day.
16	29.15	29.33	29.59	34	46	38	39.3	N. W. 3	N. W. 4	N. W. 1	8	5	0		16th. Occasional sprinkling in morning. Evening very clear. The snow of the 13th disappeared during this day.
17	29.72	29.76	29.78	36	60	40	45.3	N. W. 1	S'ly 1	S. W'ly 1	0	0	0		17th Very fine. The warmest day of the season thus far. Thermometer 60° at 1 P. M.
S 18	29.75	29.70	29.63	40	45	37	40.7	N. E. 2	N. E. 3	N. E. 4	Misty	10	10		18th. Light mist at times; air very raw and uncomfortable.
19	29.46	29.40	29.40	37	40	38	38.3	N. E. 3	N. E. 3	N. E. 3	Misty	Rain	Rain	2.40	19th. Heavy storm all day.
20	29.31	29.28	29.04	38	40	39	39.0	N. E. 2	N. E. 2	N. E. 3	Rain	Rain	Rain		20th. Moderate rain nearly all day.
21	28.66	28.83	28.88	46	48	42	45.3	E. S. E. 4	S. S. E. 2	S'ly 2	Rain	Rain	10		21st. At 6 A. M., the barometer (not reduced) stood at 28.74, being the lowest since Dec. 23, 1850, with heavy wind at about E. S. E. At 8 A. M., barometer 28.80. Moderate rain nearly all day, the wind hauling to S'ly, and abating in force, in the afternoon.
22	28.88	28.93	29.08	44	55	43	47.3	S'ly 1	S. W. 2	N. W. 1	10	8	2		22d. Light showers at intervals. Clear in the evening, and bright aurora, with streamers and merry dancers, in the north.
23	29.12	29.16	29.31	43	56	42	47.0	N. W. 1	N.byE. 1	N'ly 2	4	8	10		23d, 24th, and 25th. Pleasant.
24	29.44	29.45	29.55	38	53	38	43.0	N. W. 2	N. W. 2	N. W. 2	7	8	0		26th. Mostly overcast. Showers, with thunder, at 10 P. M.
S 25	29.68	29.62	29.67	34	58	48	46.7	N. W. 2	N. W. 1	N. W. 1	2	5	7		27th. Pleasant. Evening very clear.
26	29.66	29.58	29.31	46	60	50	52.0	S. W. 1	S. W. 1	S. W. 2	5	9	Shower	0.10	28th. Pleasant.
27	29.35	29.34	29.51	47	57	42	48.7	S. W'ly 1	N. W. 2	N. W. 3	10	2	0		29th. Pleasant. Fog-bow round the moon at 9½ P. M.
28	29.58	29.53	29.62	36	53	42	43.7	N. W. 2	N. W. 3	N. W. 1	0	5	5		30th. Very fine.
29	29.64	29.57	29.65	39	59	48	48.7	N. W. 2	W'ly 3	S. W. 1	0	0	2		
30	29.67	29.62	29.72	48	65	46	53.0	W'ly 1	S. W. 2	S. W. 1	3	0	2		
Means	29.52	29.50	29.52	37.2	49.0	39.3	...	1.9	2.2	1.8	5.4	6.1	6.2	6.65	
									2.0			5.9			
REDUCED TO SEA LEVEL.															
Max.	30.06	30.04	30.02	48	65	50	53.0								
Min.	28.84	29.01	29.06	27	32	30	31.7								
Mean	29.70	29.68	29.70												
Range	1.22	1.03	0.96	21	33	20	21.3								
Mean of month			29.693	...	...	...	41.8								
Extreme range			1.22	...	...	...	38.0								

Prevailing winds from some point between— Days.

	Days.
N. & E.	11
E. & S.	1
S. & W.	7
W. & N.	11

	Days.
Clear	6
Variable, Cloudy	11
Rain or snow fell on	13

May, 1852. New Moon, 18d. 10h. 7m. P. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.76	29.61	29.53	44	56	42	47.3	S. W. 1	S. E. 1	N. E. 2	Rain	10	Misty		1st. Light showers from 7 to 9 A. M.
S 2	29.54	...	29.61	41	60	46	49.0	N. E. 2	...	N. W. 1	Rain	...	3		2d. Light shower early in the morning. Shower from 8 to 9 P. M. Mostly clear at 10 P. M.
3	29.67	29.66	29.95	48	61	39	49.3	N. W. 1	N. W. 3	N. W. 1	0	4	0		3d. Pleasant.
4	30.07	30.08	30.12	37	55	46	46.0	N. W. 2	N. E. 2	N. W. 1	1	1	5		4th. Very fine.
5	30.16	30.14	30.10	46	72	51	56.3	N. W. 2	N.by E. 1	S. W. 1	0	0	2		5th. Very fine. Warmest day since October 11, 1851.
6	30.10	30.06	30.07	52	75	60	62.3	S'ly 1	S. W. 2	S'ly 1	0	0	0		6th. Very fine, with summer heat.
7	30.02	29.90	29.92	56	87	59	67.3	S. W. 2	S. W. 3	S. W. 2	1	0	0		7th. The thermometer in the shade, exposed to a fresh breeze, stood at 87° at 2 P. M Warmest day since September 13, 1851.
8	29.84	29.77	29.81	56	79	56	63.7	S. W. 2	S. W. 3	S. W. 2	Hazy	2	0		8th. Very fine.
S 9	29.76	29.71	29.69	55	76	58	63.0	S. W. 1	S. W. 2	S. W. 2	3	0	3		9th. Very pleasant.
10	29.69	29.71	29.78	55	72	58	61.7	N. W. 1	N. W. 2	N. W. 1	9	8	0		10th. Cloudy in the morning. Sprinkling of rain at noon. Evening very clear, with auroral streamers at the north.
11	29.90	29.94	29.94	50	73	53	58.7	N. E. 2	E'ly 2	S'ly 2	0	3	9		11th. Pleasant.
12	29.87	29.75	29.80	53	53	47	51.0	S. E'ly 2	E'ly 2	N. E. 3	10	Rain	Misty	2.00	12th. Began to rain moderately at 7 A. M., with wind S. E'ly, which soon hauled more to the E., and then N. E., with increased force and more copious rain.
13	29.87	29.86	29.82	47	46	44	45.7	N. E. 3	N. E. 4	N. E. 3	Misty	Rain	Rain		13th. Rain and heavy wind through the day.
14	29.80	29.80	29.76	43	46	44	44.3	N. E. 4	N. E. 2	N'ly 1	10	10	10		14th. Cloudy, with occasional mist.
15	29.75	29.70	29.66	47	55	50	50.7	N.W'ly 1	S. E'ly 2	S'ly 1	10	10	10		15th. Occasional sprinkling of rain.
S 16	29.68	29.66	29.69	53	70	54	59.0	N. W. 1	S. E. 2	S'ly 2	10	5	5		16th. Pleasant.
17	29.66	29.58	29.49	52	63	58	57.7	S. E'ly 2	S. E'ly 3	S. W'ly 1	10	9	10		17th. Cloudy, with occasional light mist. Lightning in the evening.
18	29.71	29.73	29.81	50	64	51	55.0	N. W. 2	N. W. 2	N. W. 2	7	0	0		18th. Pleasant. Bright aurora in the evening, but no streamers.
19	29.87	29.77	29.74	50	69	50	56.3	N. W.	S. E. 2	S. E'ly 1	0	0	5		19th. Very fine. Bright aurora in the evening, without streamers.
20	29.69	29.66	29.88	52	69	48	56.3	S. W. 2	N. W. 2	N. W. 1	5	3	0		20th. Very fine. Evening clear, with aurora in the north, and streamers not very bright.
21	30.01	29.96	29.93	46	67	50	54.3	N. W. 2	S. E. 2	S'ly 1	0	0	0		21st and 22d. Very fine.
22	29.91	29.88	29.89	54	79	58	63.7	W'ly 3	S. W'ly 2	S. W'ly 2	0	8	0		23d. Sprinkling of rain at 9 A. M. and at 3 P. M.
S 23	29.85	29.76	29.73	58	70	58	62.0	S. W. 1	S. W. 2	S. W. 1	10	10	7		24th. Pleasant.
24	29.74	29.67	29.60	56	65	52	57.7	N. E. 2	N. E. 2	N. E. 2	7	4	0		25th. Very fine.
25	29.50	29.54	29.73	59	74	55	62.7	N'ly 2	N. W. 3	N. W. 1	3	0	0		26th. Pleasant.
26	29.80	29.74	29.70	53	73	55	60.3	N'ly 2	E'ly 2	S'ly 2	0	3	3		27th. Sprinkling of rain from 7 to 8 A. M.
27	29.50	29.54	29.40	55	63	60	59.3	S. by E.	S'ly 2	S. W. 1	Sprinl'g	10	6		28th. Pleasant.
28	29.62	29.69	29.80	56	75	54	61.7	N. E. 2	S. E. 2	S. E. 1	10	3	10		29th. Cloudy and misty.
29	29.81	29.75	29.58	59	68	58	61.7	S.	S. 1	S. 1	Misty	7	Misty		30th and 31st. Very fine.
S 30	29.45	29.49	29.66	74	75	57	68.7	S. W.	N. W. 2	N. 1	7	0	0		
31	29.73	29.68	29.60	51	68	57	58.7	N. W. 3	N. W. 3	N. W.	0	0	0		
Means	29.78	29.76	29.77	51.9	67.0	52.5	...	1.9	2.2	1.5	5.2	4.1	4.1	2.00	
									1.9			4.5			
REDUCED TO SEA LEVEL.															
Max.	30.34	30.32	30.30	74	87	60	68.7								
Min.	29.63	29.67	29.58	37	46	39	44.3								
Mean	29.96	29.94	29.95												
Range	0.71	0.65	0.72	37	41	21	24.4								
Mean of month			29.950	...	...	...	57.1								
Extreme range			0.76	...	...	...	50.0								

Prevailing winds from some point between— Days.

	Days.
N. & E.	7
E. & S.	8
S. & W.	8
W. & N.	8

	Days.
Clear	12
Variable, Cloudy	11
Rain fell on	8

June, 1852. New Moon, 17d. 11h. 39m. A. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.67	29.62	29.62	60	72	60	64.0	W. 1	S'ly 2	W.	0	5	8		1st. Very pleasant.
2	29.58	29.48	29.57	62	79	66	69.0	W. 1	S. W. 2	S. W. 1	2	4	0		2d. Pleasant. Sprinkling of rain in morning.
3	29.46	29.33	29.37	70	84	68	74.0	S. W.	S. W. 3	S. W. 2	10	8	4		3d. Sultry. Light shower at noon, and in the evening accompanied with some thunder. Rainbow just before sunset.
4	29.54	29.59	29.62	62	61	52	58.3	N. W. 1	N. W.	N. W.	9	10	7		4th. Pleasant. Light shower at noon.
5	29.70	29.67	29.76	50	64	51	55.0	N. W. 3	N. W. 3	N. W.	0	0	0		5th. Very fine. Cool for the season.
S 6	29.81	29.75	29.70	58	72	54	61.3	N. W.	S. W. 3	S. W. 3	0	3	10		6th. Pleasant. Windy.
7	29.68	29.64	29.77	60	72	59	63.7	S. W. 3	S. W. 1	W. 3	7	10	5		7th. Blustering. Light shower at noon.
8	29.79	29.63	29.45	68	70	62	66.7	S.	S. 1	E. 2	10	8	Rain	0.50	8th. Windy in the morning. Showers in the afternoon and during the night.
9	29.38	29.45	...	65	73	...	69.0	S. W. 2	S. W. 1	...	7	8	...		9th. Pleasant.
10	...	29.57	29.87	...	74	58	66.0	...	S. W. 3	W. 2	...	3	2		10th. Very pleasant.
11	29.95	29.96	30.04	58	68	52	59.3	N. W.	N. W. 3	N. W.	0	4	0		11th. Very fine. Aurora in the evening.
12	30.01	30.08	30.10	52	70	53	58.3	N.	N. W.	N. 1	8	9	0		12th, 13th, and 14th. Very fine.
S 13	30.16	30.14	30.15	62	84	59	68.3	N. W.	N'ly	N. W. 1	0	3	0		15th. Thundershower from 8½ to 10 A. M. Aurora in the evening.
14	30.15	30.14	30.01	62	78	65	68.3	S. W. 1	S'ly 2	S. W. 1	0	2	0	0.15	16th. Extremely hot. The mean of two thermometers in the shade, exposed to the breeze, at 1 P. M., was 94°.5—being 2°.5 higher than the highest point reached during the last summer. On the 13th of July, 1849, the same thermometer in the same place stood at 97°.
15	29.92	29.80	29.74	55	78	71	68.0	S. W. 2	W by N 2	Calm	5	2	0		17th. Thunder and light showers in evening.
16	29.73	29.70	29.72	74	94½	74	80.7	N. W. 1	W.by N. 1	N. W'ly 2	2	3	10		18th. Pleasant, though warm.
17	29.73	29.68	29.67	74	86	70	76.7	N. W'ly 1	N. W. 1	N. E'ly 1	3	8	Rain		19th. Pleasant.
18	29.60	29.53	29.54	68	86	71	75.0	N. E. 1	S. W. 2	W'ly 1	10	8	0		20th. Thundershower from 4 to 5 A. M.
19	29.61	29.58	...	65	87	...	76.0	N. W. 1	S. 2	...	1	7	...		21st. Very fine.
S 20	29.62	29.58	29.65	68	81	65	71.3	S. W. 2	S. W. 2	S'ly 2	10	3	8	0.20	22d. Thundershower from 7 to 8 P. M.
21	29.64	29.65	29.64	63	86	65	71.3	S. W'ly 1	S. S. E. 2	S'ly 1	1	4	0		23d and 24th. Pleasant.
22	29.59	29.50	29.43	67	79	66	70.7	S. W'ly 2	S. W. 3	W'ly 2	10	2	3	0.25	25th. Very cool for the season.
23	29.60	29.61	29.64	63	75	62	66.7	N. W. 2	W'ly 3	W'ly 2	2	0	2		26th. Very pleasant.
24	29.65	29.58	29.42	62	72	63	65.7	S. W. 2	S. E'ly 3	S'ly 2	4	0	7		27th. Pleasant.
25	29.40	29.50	29.75	62	67	57	62.0	N. W. 2	N. W. 3	N. W. 2	3	8	0		28th. Fine. Sun hot.
26	29.85	29.83	29.85	56	79	60	65.0	N. W. 1	W. 2	S. W. 1	0	3	0		29th. Fine. Sun scorching.
S 27	29.86	29.80	29.79	65	82	65	70.7	S. W. 1	S. W. 2	S. W. 2	3	2	9		30th. Warm and sultry. Thunder and sprinkling of rain at 4 P. M.
28	29.77	29.73	29.76	66	82	68	72.0	S. W. 1	S. W. 2	S. W. 1	2	3	3		
29	29.75	29.73	29.66	66	85	64	71.7	S. W. 1	S. W. 3	S. W. 1	2	5	0		
30	29.66	29.63	29.65	68	84	69	73.7	S. W. 2	S. W. 3	W'ly 1	0	2	2		
Means	29.72	29.58	29.71	63.1	77.5	62.5	...	1.5	2.1	1.5	4.2	4.5	3.6	1.00	
									1.7			4.1			
REDUCED TO SEA LEVEL.															
Max.	30.34	30.32	30.33	74	94½	74	80.7								
Min.	29.56	29.51	29.55	50	61	51	55.0								
Mean	29.90	29.86	29.89												
Range	0.78	0.81	0.78	24	33	23	25.7								
Mean of month			29.883	...	...	...	67.7								
Extreme range			0.83	...	...	...	44.5								

Prevailing winds from some point between—	Days.
N. & E.	0
E. & S.	3
S. & W.	15
W. & N.	12

	Days.
Clear	8
Variable, Cloudy	12
Rain fell on	10

July, 1852. New Moon, 16d. 11h. 7m. P. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.71	29.67	29.55	70	80	68	72.7	S. W. 1	S. W. 2	S'ly 2	10	7	Foggy		1st. Variable, with occasional sprinkling of rain. Evening foggy.
2	29.36	29.44	29.56	70	78	59	69.0	S. W. 3	S. W. 3	N. W. 1	10	3	3	0.20	2d. Thundershower from 1 to 2 A. M. Pleasant day.
3	29.65	29.64	29.75	58	76	62	65.3	N. W. 2	N. W. 3	N. W. 1	0	0	0		3d. Very fine. Aurora in the evening, not very bright.
S 4	29.84	29.83	29.84	64	82	64	70.0	N. W. 2	N. W. 3	S. W. 2	0	0	2		4th and 5th. Very fine.
5	29.85	29.81	29.81	66	87	68	73.7	W'ly 2	W'ly 2	S. W. 2	1	2	2		6th. Burning sun at mid-day.
6	29.86	29.86	29.94	68	88	65	73.7	W. by S. 2	E'ly 2	E'ly 1	4	5	0		7th. Very fine.
7	29.96	29.96	29.97	63	80	64	69.0	S. E. 2	S. E. 2	S'ly 2	2	0	8		8th. Very fine. Ground excessively dry in this vicinity.
8	29.92	29.86	29.86	63	86	68	69.0	S. E'ly 1	S. W'ly 2	S. W. 1	6	0	0		9th. Very hot, with a fresh breeze from S. W. At 9 P. M., lightning low in the N. W. From 10 to 11 P. M., aurora at the north, not very bright.
9	29.86	29.83	29.85	71	93	72	78.7	S. W. 2	S. W. 3	S. W. 2	0	0	0		10th. Very burning sun; top of the ground excessively parched.
10	29.88	29.87	29.91	70	92	66	76.0	W by S. 1	S. W. 2	S. W. 1	0	1	0		11th. Very hot and sultry.
S 11	29.92	29.85	29.87	72	89	72	77.7	S. W. 2	S. W. 2	S. W. 2	5	0	10		12th. Sprinkling of rain at 4½ P. M., and again at 10 P. M.
12	29.88	29.88	29.93	73	90	73	78.7	S. W. 2	S'ly 2	S. E. 2	10	3	10		13th. Very sultry.
13	29.95	29.93	29.85	72	84	72	76.0	S. by E. 2	S. by E. 3	S. E'ly 2	10	5	9		14th. Sprinkling of rain from 9 to 10 P. M.
14	29.77	29.71	29.76	74	83	71	76.0	S'ly 2	S. W. 1	S. W. 1	8	8	8		15th and 16th. Pleasant.
15	29.80	29.82	29.94	70	84	65	73.0	N. E'ly 2	N. E. 2	N. E. 1	2	7	0		17th. Rainy day.
16	29.97	29.95	29.88	63	85	64	70.7	N. E. 2	S. W'ly 2	S. E'ly 1	5	4	6		18th. Pleasant.
17	29.79	29.73	29.70	64	62	56	60.7	N. E'ly 1	N. E. 2	N. E. 1	10	Rain	10	0.70	19th. Very fine.
S 18	29.75	29.81	29.97	58	77	61	65.3	N'ly 2	N. W. 1	S'ly 1	3	5	0		20th. At 6 A. M., wind light S. W'ly, and upper clouds coming from N. W. Day pleasant.
19	30.09	30.07	30.06	58	79	60	65.7	N'ly 1	S. E. 2	S'ly 1	1	0	0		21st. Sultry.
20	30.03	29.92	29.86	65	90	70	75.0	S. W'ly 1	S. W'ly 2	W. 2	3	2	0		22d. Heat very oppressive. Thermometer in the shade, at 1 P. M., stood at 95°—being higher than at any time since July 13, 1849, when it stood at 97° in the same place.
21	29.86	29.74	29.70	74	92	74	80.0	W. 1	W. 2	W. 1	3	4	0		23d. Very hot.
22	29.76	29.57	29.59	76	95	76	82.3	N. W. 1	N. W. 1	N. W. 1	0	3	0		24th. Fine; heat much abated.
23	29.65	29.61	29.71	76	90	68	78.0	N. W. 2	N. W. 2	N. W. 1	0	3	1		25th. Pleasant. Clouds in the afternoon came from N. W. while the wind came from S'ly.
24	29.77	29.76	29.80	64	80	64	69.3	N. W. 2	N. 2	S. E'ly 2	0	8	3		26th. Rain commenced falling moderately at 7 A. M., and continued till 6 P. M.
S 25	29.83	29.79	29.78	64	81	66	70.3	S. E'ly 1	S. E. 2	S'ly 2	0	4	3		27th and 28th. Very fine.
26	29.66	29.58	29.59	66	70	60	65.3	S'ly 3	S'ly 3	N'ly 1	10	Rain	3	0.78	29th. Pleasant.
27	29.69	...	29.70	60	...	62	...	N. W. 1	...	N. W. 1	2	...	0		30th. Very warm and sultry.
28	29.79	29.83	29.82	60	81	64	68.3	N. W. 1	N. W. 2	S. W. 1	0	3	0		31st. Pleasant.
29	29.76	29.61	29.54	68	86	71	75.0	S. W. 2	S. W. 3	S. W. 2	8	2	3		
30	29.38	29.30	29.37	70	87	72	76.3	S. W. 3	S. W. 3	N. W. 1	10	5	9		
31	29.45	29.47	29.63	66	84	67	72.3	N. W. 2	W'ly 3	N. W. 2	5	2	9		
Means	29.79	29.76	29.78	67.0	83.7	66.6	...	1.8	2.1	1.4	4.3	3.4	3.5	1.68	
									1.8			3.7			
REDUCED TO SEA LEVEL.															
Max.	30.27	30.25	30.24	76	95	76	82.3								
Min.	29.54	29.48	29.55	58	62	56	60.7								
Mean	29.97	29.94	29.96												
Range	0.73	0.77	0.69	18	33	20	21.6								
Mean of month			29.957	...	...	...	72.4								
Extreme range			0.79	...	...	...	39.0								

Prevailing winds from some point between—	Days.
N. & E.	2
E. & S.	6
S. & W.	13
W. & N.	10

	Days.
Clear	13
Variable, Cloudy	12
Rain fell on	6

August, 1852. New Moon, 15d. 8h. 50m. A. M.

DAYS.	BAROMETER, reduced to 32° F At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
S 1	29.70	29.71	29.79	63	80	63	68.7	N'ly 2	W'ly 2	W'ly 1	10	5	5		1st. Pleasant.
2	29.83	29.82	29.83	60	77	58	65.0	N. W. 1	N. W. 2	N. W. 1	0	4	0		2d. Very fine. Thunder at 4 P. M., but no rain.
3	29.83	...	29.79	58	...	57	...	N. W. 1	...	N. W. 1	0	...	2		3d. Very fine. Ther. at sunrise stood at 54°.
4	29.76	29.75	29.72	58	72	66	65.3	N. W. 1	S'ly 3	S'ly 2	1	Rain	10	1.20	4th. Sprinkling of rain at 1 P. M., and again at 7 P. M.
5	29.51	29.64	29.69	61	68	61	63.3	N. E. 1	N'ly 1	N. W. 1	Rain	10	9		5th. Heavy rain last night. Rain and mist in the morning. Cloudy in the afternoon.
6	29.67	29.65	29.69	58	74	61	64.3	N. E. 2	E'ly 2	N. E. 1	10	10	3		6th. Sun out towards night; evening clear.
7	29.67	29.65	29.69	60	76	60	65.3	N. E. 1	N. E. 1	N. W. 1	10	9	1	0.87	7th. Copious thundershower from 4 to 5 P. M.
S 8	29.74	29.73	29.75	62	78	64	68.0	S. W'ly 1	S'ly 2	Calm	0	3	0		8th. Very fine.
9	29.76	29.72	29.75	65	83	67	71.7	S. W. 1	S. W. 1	S. W'ly 1	2	5	10		9th. Light shower at 2 P. M.; sprinkling of rain from 10 to 11 P. M. Lightning in the N. W. from 8 to 9 P. M.
10	29.76	29.76	...	66	80	...	...	S. W. 1	S. W'ly 2	...	3	6	...	0.50	10th. Rain from 2 to 4 P. M.
11	...	...	...	...	...	...	...	...	...	...	...	...	...		11th, 12th, and 13th. Pleasant. Rather cool and no rain.
12	...	...	...	...	...	...	...	...	...	...	...	...	...		
13	...	...	...	...	...	...	...	...	...	...	...	...	...		
14	...	...	29.83	...	...	63	...	...	...	S. W. 1	...	...	0		14th. Pleasant.
S 15	29.74	29.66	29.76	66	85	68	73.0	S. W. 1	S. W. 3	S. W. 1	3	2, Sh'r	0	0.25	15th. Pleasant. Showery from 3 to 4 P. M.
16	29.97	29.98	30.03	57	74	57	62.7	N. W. 2	N. W. 1	S'ly 1	0	1	0		16th. Very fine. During the afternoon, the wind swung round through the N. E. and E. to S'ly.
17	30.06	30.01	29.94	58	75	59	64.0	S. E. 1	S. E. 2	E'ly 1	3	5	7		17th. Pleasant.
18	29.91	...	29.84	56	...	60	...	S'ly 1	...	S. W'ly 1	0	...	0		18th. Very fine.
19	29.83	29.76	29.78	60	86	66	70.7	S'ly 1	S. W'ly 3	S. W. 1	3	2	0		19th. Very fine, though hot.
20	29.84	29.86	29.97	65	70	62	65.7	N. E. 2	N. E. 2	N. E. 2	8	6	10		20th. Sprinkling of rain at 4 P. M.
21	30.07	...	30.13	60	...	58	...	N. E. 1	...	N. E. 1	Misty	...	0		21st. Cloudy in the morning. Evening clear.
S 22	30.17	30.15	30.16	55	76	59	63.3	N. E. 1	S. E. 1	S. E. 1	9	4	2		22d. Pleasant.
23	30.17	30.13	30.09	55	74	61	63.3	S. E. 1	S. E. 2	S. E. 1	Foggy	7	0		23d. Air cold and raw for the season.
24	30.07	29.98	29.95	60	79	67	68.7	S'ly 1	S'ly 1	S. E. 1	8	5	0		24th and 25th. Pleasant.
25	29.92	...	29.89	68	...	68	...	S'ly 2	...	...	10	...	...		26th. Rainy.
26	...	29.54	29.61	...	70	70	...	...	S. E. 2	S. 1	...	2	Rain	1.37	27th. Showery.
27	29.60	...	29.59	71	...	70	...	S. W. 1	...	S.	8	...	10	0.75	28th. Air close and sultry. Shower in the afternoon.
28	29.69	29.62	29.68	69	78	70	72.3	N. 1	S.	S. E.	5	10	Rain	2.87	29th. Cold N. E. rain storm.
S 29	29.56	29.54	29.62	65	62	60	62.3	N. E. 2	N. E. 3	N. E. 3	Rain	Rain	Rain	0.19	30th. Storm continued, with but little rain.
30	29.71	29.79	29.86	60	64	60	61.3	N. W. 3	N. W. 3	N. W. 1	Rain	10	10		31st. Very pleasant in the morning. Showery in the afternoon.
31	29.91	29.84	29.83	62	75	64	67.0	N'ly 2	N'ly	W. 1	6	10	4		
Means	29.82	29.79	29.82	61.5	75.3	62.9	...	1.3	1.9	1.2	5.8	6.2	4.3	8.00	
									1.5			5.4			
REDUCED TO SEA LEVEL.															
Max.	30.35	29.33	30.34	71	86	70	73.0								
Min.	29.69	29.72	29.77	55	62	57	57.5								
Mean	30.00	29.97	30.00												
Range	0.66	0.61	0.57	16	24	13	15.5								

Prevailing winds from some point between—	Days.
N. & E.	6
E. & S.	5
S. & W.	11
W. & N.	6

	Days.
Clear	6
Variable / Cloudy	10
Rain fell on	12

(3 days omitted.)

Mean of month	29.990	...	...	...	66.6		
Extreme range	0.66	...	...	...	31.0		

September, 1852. New Moon, 13d. 5h. 31m. P. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.		
1	29.84	29.86	29.76	62	80	69	70.3	N. W. 1	W.	N. W.	2	0	0		1st. Very fine.
2	29.81	29.75	29.77	68	81	70	73.0	N. W.	S. W. 1	W. 1	0	0	0		2d. Pleasant. Hot sun. No air stirring.
3	29.74	29.66	29.74	68	80	72	73.3	S. W. 1	S. W. 3	S. W. 1	Hazy	0	8		3d. Very fine. Good breeze during the day.
4	29.83	29.90	29.88	65	76	64	68.3	W'ly	N. W. 2	N. W. 1	8	6	0		4th. Shower from 6 to 7 A. M. Day pleasant.
S 5	30.05	30.04	30.07	60	72	59	63.7	N. W. 2	N. W. 1	N. W.	0	0	0		5th. Fine. Air rather cool.
6	30.08	30.02	30.02	56	75	60	63.7	W. 1	S. W.	W. 1	0	0	0		6th and 7th. Very fine.
7	30.02	29.97	29.99	60	78	66	68.0	W'ly 1	W. 2	W. 1	0	0	0		
8	30.07	30.05	30.07	64	80	70	71.3	W.	S. W.	S. W.	0	5	0		8th. Warm. Little air stirring. Sun hot.
9	30.04	29.97	29.90	66	83	79	76.0	W.	W. 1	W.	0	0	0		9th. Very warm and sultry.
10	29.81	29.71	29.69	62	83	72	72.3	W.	W. 2	W.	5	8	9		10th. Cloudy and warm.
11	29.64	29.69	29.57	70	82	70	74.0	S. W.	S. W. 2	S. W. 1	10	8	10		11th. Cloudy, with occasional light showers.
S 12	29.27	29.24	29.34	70	75	68	71.0	S. 2	S'ly 3	S. E'ly 1	Rain	10	8	1.25	12th. Rain in the morning. Showery in the afternoon. Evening clear.
13	29.36	29.45	29.70	64	66	50	60.0	N. W. 1	N. W. 3	N. W. 1	10	3	0		13th. Rain last night. Day fine.
14	29.87	29.84	29.86	47	68	59	58.0	N. W. 2	N. W. 2	W. 2	0	4	10		14th. Very fine. Cool.
15	29.87	29.83	29.86	60	66	59	61.7	S. W. 2	S. W. 2	S. W. 1	10	Rain	10		15th. Cloudy, with light showers. Stars out in the evening.
16	29.98	29.95	30.01	51	65	50	55.3	N. W. 1	N. W. 1	N. W. 2	2	2	0		16th. Very fine. Aurora in the evening, without streamers.
17	30.10	30.05	30.08	43	62	52	52.3	N. W. 2	N. W. 1	N. W. 2	0	2	0		17th and 18th. Very fine.
18	30.11	30.07	30.08	48	65	53	55.3	N. 2	N. E. 2	N'ly 1	0	5	0		19th and 20th. Pleasant.
S 19	30.06	29.96	29.95	52	70	56	59.3	N'ly 1	N. E. 1	N. E. 1	2	9	10		
20	29.90	29.86	29.89	56	74	64	64.7	S'ly 1	S. W. 1	N. W. 1	2	5	5		21st. Foggy in the morning. Day pleasant.
21	29.88	29.82	29.77	63	75	66	68.0	S. W. 1	S. W. 2	S. W. 2	Foggy	5	9		22d and 23d. Very fine.
22	29.78	...	29.83	64	...	56	...	S. W. 1	N. W. 1	N. W. 2	5	2	0		
23	29.91	29.89	29.97	51	65	51	55.7	N. W. 2	N. W. 2	N. W. 1	0	6	0		24th. Cool, but pleasant.
24	30.04	30.00	29.99	56	59	48	54.3	N. 1	N. E. 2	N. E. 1	0	10	3		25th. Cloudy, with some appearances of storm.
25	29.96	29.82	29.67	51	63	56	56.7	S'ly 1	S. E'ly 1	S'ly 1	8	10	10		26th. Light shower at 6 A. M., and again at 1 P. M. Evening very clear.
S 26	29.50	29.42	29.56	56	65	52	57.7	S. E. 2	W'ly 1	N. W. 2	Rain	10	0	0.15	27th. Very fine.
27	29.70	29.75	29.92	48	60	48	52.0	N. W. 1	N. W'ly 2	N. W. 2	0	0	5		28th. Pleasant.
28	29.87	29.82	29.79	53	68	58	59.7	E'ly 2	S. W. 3	S. W. 2	8	3	0		29th. Light shower in the afternoon. Evening clear.
29	29.86	29.90	30.01	53	62	45	53.3	N. W. 2	N'ly 2	N. W. 2	10	5	0		30th. Pleasant. Light frost in low grounds in the vicinity.
30	30.12	30.08	30.09	39	54	43	45.3	N'ly 2	N. E. 2	N. E. 1	0	5	0		
Means	29.87	29.84	29.86	57.5	70.8	59.5	...	1.5	1.8	1.3	4.3	4.8	3.2	1.40	
									1.5			4.1			
REDUCED TO SEA LEVEL.															
Max.	30.30	30.26	30.27	70	83	79	76.0								
Min.	29.45	29.42	29.52	39	54	43	45.3								
Mean	30.05	30.02	30.04												
Range	0.85	0.84	0.75	31	29	36	30.7								

Prevailing winds from some point between—	Days.
N. & E.	4
E. & S.	2
S. & W.	10
W. & N.	14

	Days.
Clear	13
Variable / Cloudy	12
Rain fell on	5

Mean of month	30.037	...	...	...	62.6		
Extreme range	0.88	...	...	...	44.0		

October, 1852. New Moon, 13d. 2h. 6m. A. M.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	30.10	30.10	30.13	40	63	51	51.3	N'ly 1	N. E. 1	N. E. 1	5	8	10		1st. Pleasant. Frost this morning in the vicinity on low grounds.
2	30.12	30.03	29.99	53	67	56	58.7	N. E. 1	S. W'ly 2	S'ly 1	8	0	0		2d. Very fine.
S 3	30.16	30.09	30.08	51	63	50	54.7	N. E. 1	N. E. 2	E'ly 1	3	2	0		3d. Pleasant.
4	29.94	29.75	29.56	55	61	60	58.7	S'ly 2	S'ly 2	W'ly 1	10	Rain	2		4th. Light shower in the morning. Nearly clear at 11 P. M.
5	29.57	29.47	29.55	50	73	43	55.3	W'ly 2	W'ly 2	N. W. 1	3	3	0		5th and 6th. Pleasant.
6	29.56	29.46	29.57	43	65	54	54.0	N. W. 1	S. W. 2	S. W. 1	5	6	2		
7	29.67	29.66	29.69	53	72	57	60.7	N. W. 1	W'ly 2	N. W. 1	3	3	0		7th. Very fine.
8	29.71	29.65	29.74	61	69	57	62.3	S. W. 1	S. W. 1	N. E. 2	10	10	Misty		8th. Light shower at 5 A. M., and also at 7 P. M.
9	29.88	29.87	29.76	50	57	53	53.3	N. E. 2	N. E. 2	N. E. 2	10	10	Misty		9th. Overcast, with occasional sunshine.
S 10	29.65	29.59	29.59	52	68	64	61.3	E'ly 2	S. E'ly 2	S'ly 1	Misty	Misty	Rain	0.20	10th. Mist during the day. Light shower in the evening.
11	29.69	29.79	29.90	58	67	53	59.3	N. W. 3	N. W. 3	N. W. 1	5	0	0		11th and 12th. Very fine.
12	29.94	29.85	29.83	52	67	58	59.0	Calm	S. W. 3	S. W. 2	10	2	5		
13	29.92	29.90	29.87	56	55	47	52.7	N'ly 1	N. E. 2	N. E. 1	10	10	10		13th. Air rather raw.
14	29.86	29.74	29.53	46	53	48	49.0	N. E. 2	N. E. 2	N. E. 3	10	10	Rain		14th. Light rain in the evening.
15	29.45	29.46	29.67	39	50	41	43.3	N. E. 3	N. W. 2	N. W. 2	Rain	10	0	1.00	15th. Rain in the morning, mixed at times with considerable snow; wind at N. W.
16	29.79	29.85	30.00	36	47	36	39.7	N. W. 2	N'ly 3	N. W. 1	0	4	1		16th. Cold for the season.
S 17	30.10	30.00	29.92	30	51	47	42.7	N. W. 1	N. W. 2	S. W. 2	0	4	10		17th. Heavy frost this morning, being the first of the season on College Hill. In exposed situations, the ground was slightly frozen. Sprinkling of rain from S. W. at 6 P. M.
18	29.89	29.76	29.53	53	66	59	59.3	S. W. 1	S. W. 2	S. W. 4	8	10	10		18th. Mild, with appearances of storm in the afternoon.
19	29.61	29.68	29.97	58	62	48	56.0	N. W. 1	N. W. 3	N. E. 3	9	5	9		19th. Auroral light conspicuous among broken clouds at the north, which was observed from 9 to 10 P. M.
20	30.04	30.08	30.05	41	44	44	43.0	N. E'ly 2	N. E'ly 2	N'ly 2	10	10	10		20th. Overcast; occasional mist.
21	29.94	29.79	29.67	43	48	46	45.7	N. E'ly 2	N.byE. 3	N. W. 2	10	7	0		21st. Cloudy in the morning. Clear at 11 P. M.
22	29.63	29.56	29.65	46	59	48	51.0	N'ly 2	N.byE. 2	N. W. 2	7	10	0		22d. Cloudy for the most part during the day. Beautifully clear at 11 P. M., with the wind at N. W'ly.
23	29.79	29.75	29.75	44	60	47	50.3	N'ly 2	N N W. 3	N. W. 2	0	0	0		23d to 26th. Very fine.
S 24	29.74	29.68	29.67	45	62	51	52.7	N. W. 2	N. W. 2	N. W. 1	0	2	0		27th. Pleasant.
25	29.68	29.66	29.84	51	65	48	54.7	N. W. 1	N. W. 2	N. W. 1	2	1	2		28th. Overcast.
26	30.11	30.19	30.29	38	45	34	39.0	N. W. 1	N. W. 2	N. W. 2	2	0	3		29th. Very mild. Wind changed from S. W. to N. E. between 3 and 4 P. M.
27	30.33	30.26	30.17	31	52	46	43.0	N. W. 1	S. E'ly 2	S'ly 1	3	8	10		30th. Mist. Light rain in the evening.
28	30.05	...	29.92	51	...	53	...	S. E. 2	S'ly 2	S'ly 1	10	10	2		31st. Light rain and mist.
29	29.85	29.75	29.90	53	71	53	59.0	S. W. 2	S. W. 2	N. E. 2	5	5	10		
30	29.90	29.82	29.70	51	54	55	53.3	N. E. 1	E'ly 2	E'ly 1	10	Misty	Rain		
S 31	29.65	29.65	29.69	48	49	46	47.7	N. E. 2	N. E. 2	N. E. 2	Rain	Rain	Misty	0.10	
Means	29.85	29.80	29.81	47.7	59.5	50.1	...	1.6	2.1	1.6	6.4	6.1	5.0	1.30	
									1.8			5.8			
REDUCED TO SEA LEVEL.															
Max.	30.51	30.44	30.47	61	73	64	62.3								
Min.	29.63	29.64	29.71	30	44	34	39.0								
Mean	30.03	29.98	29.99												
Range	0.88	0.80	0.76	31	29	30	23.3								
Mean of month			30.000	...	...	...	52.4								
Extreme range			0.88	...	...	...	43.0								

Prevailing winds from some point between—	Days.
N. & E.	10
E. & S.	3
S. & W.	7
W. & N.	11

	Days.
Clear	10
Variable / Cloudy	13
Rain or snow fell on	8

November, 1852. New Moon, 11d. 11h. 33m. A. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.70	29.65	29.59	45	51	47	47.7	N'ly	N. E. 2	N. E. 2	Misty	10	Misty		1st. Mist, with occasional sprinkling of rain.
2	...	29.19	29.19	50	63	52	55.0	N. E'ly 2	S. W. 2	S. W. 1	Rain	7	5	0.70	2d. Mist, with light rain.
3	29.45	29.57	29.76	50	55	47	50.7	W.byN. 2	N. W. 3	N. W. 3	0	5	5		3d and 4th. Pleasant.
4	29.84	...	29.81	43	...	38	...	N. W. 2	...	N. W. 2	2	...	0		5th. Sprinkling of rain at 7 A. M. Cloudy day. Clear at 11 P. M.
5	29.81	29.72	29.77	41	47	37	41.7	N. W. 1	N. W. 1	N. W. 2	Sprin'le	10	3		6th. Appearances of storm in the afternoon and evening.
6	29.78	29.72	29.67	31	47	44	40.7	N. E. 2	E'ly 1	E'ly 1	6	10	10		7th. Rain in the morning. Evening clear.
S 7	29.35	29.27	29.52	44	50	43	45.7	E'ly 1	N. W. 1	N. W. 2	Rain	10	10	0.30	8th. Pleasant.
8	29.67	29.72	29.88	38	50	41	43.0	W'ly 2	N. W. 3	N. W. 1	0	2	8		9th. Appearances of storm in the evening.
9	29.89	29.83	29.90	37	47	40	41.3	N. E. 2	N. E'ly 2	N. E. 1	10	10	10		10th. Pleasant. Faint aurora in the evening.
10	29.90	29.89	29.99	36	46	36	39.3	N'ly 2	N.W'ly 1	N. W. 2	Misty	5	0		11th. Pleasant. Aurora quite bright at 9 P. M., partly concealed by clouds.
11	30.08	30.03	29.99	34	45	38	39.0	N. W. 2	N. W. 1	N. W. 1	9	3	5		12th. Commenced raining between 9 and 10 A. M.; wind fresh S. E'ly. Continued to rain till
12	29.77	29.49	29.57	45	51	41	45.7	S. W. 2	S. E. 3	W'ly 2	8	Rain	0	0.60	between 3 and 4 P. M., when the wind came to N. W., and rain ceased. Kept a lookout for me-
13	29.59	29.56	29.53	35	42	41	39.3	W.byS. 2	W.byS. 1	S. W. 2	2	10	10		teors in the evening, but saw none.
S 14	29.42	29.33	29.37	35	37	32	34.3	N.W'ly 2	N. W. 2	N. W. 2	5	9	4		13th. Thick clouds in the evening.
15	29.41	29.35	29.38	27	36	34	32.3	N. W. 1	N. W. 2	W'ly 3	2	1	2		14th. Air rather raw. Light flurry of snow about 4½ P. M.
16	29.42	29.49	29.63	36	44	35	38.3	W.byN. 2	W byN. 4	N.W'ly 2	0	1	5		15th. Rather cold for the season.
17	29.74	29.71	29.73	35	43	37	38.3	W. 2	W.byS. 3	S. W. 2	7	5	8		16th and 17th. Pleasant.
18	29.68	29.69	29.75	37	43	36	38.7	N. E. 1	N. E. 2	N. E'ly 2	10	9	5		18th. Cloudy.
19	29.82	29.76	29.67	35	43	35	37.7	N'ly 2	N.byE. 2	N'ly 2	10	10	8		19th. Pleasant.
20	29.80	29.86	29.97	34	38	33	35.0	N.byE. 2	N.byE. 2	N. E'ly 2	9	10	9		20th. Clouds, with occasional sunshine.
S 21	30.10	30.08	30.15	28	36	28	30.7	N. W. 2	N. W. 2	N. W. 1	0	0	0		21st. Splendid day and evening.
22	30.21	30.12	29.96	24	41	36	33.7	N. W. 2	E'ly 2	S. E'ly 2	5	10	Misty		22d. Appearances of storm.
23	29.73	29.70	29.79	35	37	32	34.7	N. E. 2	N. E. 2	N'ly 3	Rain	Misty	10	0.50	23d. Rain in the morning. Mist in afternoon.
24	29.92	29.81	29.76	20	29	23	24.0	N by W. 2	N. W. 3	N. W. 1	0	0	0		24th. Very fine.
25	29.82	29.83	...	26	37	...	...	N. W. 2	N. W. 2	...	2	5	...		25th. Pleasant.
26	29.78	29.61	29.34	36	44	53	44.3	E'ly 2	E. by S. 1	S. E'ly 2	10	Rain	Rain	2.50	26th. Rainy through the day and evening.
27	29.20	29.30	29.68	55	50	39	48.0	S'ly 1	W'ly 3	N. W. 1	Foggy	2	0		27th. Fog and mist in the morning. At 10 P. M., very clear.
S 28	29.98	30.00	30.13	33	42	33	36.0	N. W. 1	N. W. 2	N. W. 2	0	0	0		28th. Very fine.
29	30.09	30.05	30.10	34	48	39	40.3	S. W. 2	S. W. 3	N. W. 1	7	9	3		29th. Pleasant.
30	30.09	30.14	30.06	34	43	35	37.3	N. W. 1	N. W. 2	N. W. 1	5	6	0		30th. Fine. Evening splendid.
Means	29.76	29.71	29.75	36.4	44.3	38.1	...	1.8	2.0	1.8	6.0	6.5	5.2	4.60	
									1.9			5.9			
REDUCED TO SEA LEVEL.															
Max.	30.39	30.32	30.33	55	63	53	55.0								
Min.	29.38	29.37	29.37	20	29	23	24.0								
Mean	29.94	29.89	29.93												
Range	1.01	0.95	0.96	35	34	30	31.0								
Mean of month			29.920	...	...	...	39.6								
Extreme range			1.02	...	...	...	43.0								

Prevailing winds from some point between—	Days.
N. & E.	7
E. & S.	2
S. & W.	5
W. & N.	16

	Days.
Clear	8
Variable / Cloudy	14
Rain fell on	8

December, 1852. New Moon, 10d. 10h. 23m. P. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.05	30.06	30.17	35	45	33	37.7	W'ly 2	N. W. 2	N. W. 1	3	3	1		1st. Very fine.
2	30.14	30.14	30.18	32	50	37	39.7	N. W. 1	N. W. 1	N. W. 1	1	1	0		2d. Very fine and warm for the season.
3	30.19	30.13	30.06	33	50	41	41.3	S. W. 2	S. W. 2	E'ly 2	5	7	10		3d. Pleasant.
4	29.76	29.65	29.51	46	53	47	48.7	N. E. 2	N. E. 2	N. E. 1	Misty	Misty	Misty		4th. Mist, with occasional light rain.
S 5	29.46	29.40	29.51	45	47	48	46.7	N. E. 1	N. E. 1	N. W. 2	10	10	2		5th. Mist during the day. Mostly clear at 10 P. M.
6	29.70	29.74	29.76	41	53	44	46.0	N. W. 2	S. W. 2	S. W. 1	2	5	6		6th. Very mild and pleasant.
7	29.76	29.68	29.60	53	63	54	56.7	S. W. 2	S. W. 2	S'ly 1	5	1	Hazy		7th. Uncommonly mild and warm for the season. The warmest day since October 29th.
8	29.51	29.62	29.77	54	56	41	50.3	N. W. 3	W. by S. 2	N. W'ly 1	5	0	0	0.30	8th. Heavy rain at 3 A. M. Pleasant during the day.
9	29.84	29.80	29.71	35	51	45	43.7	N. W. 1	S. by E. 2	E'ly 2	2	5	10		9th. Appearances of storm in the evening.
10	29.70	29.72	29.71	44	53	48	48.3	N'ly 1	N. W. 1	N. W. 1	10	10	10		10th. Very mild.
11	29.38	29.29	29.20	41	38	35	38.0	N. E. 3	N. E. 3	N. E. 2	Rain	Rain	Misty	1.25	11th. Cold northeast rain storm.
S 12	29.59	29.71	29.86	33	39	33	35.0	N. W. 2	N. W. 3	N. W. 2	1	0	0		12th. Pleasant.
13	29.91	29.79	29.71	30	38	34	34.0	W'ly 1	S. W. 1	W'ly 3	7	10	2		13th. Began to snow moderately from 1 to 2 P. M., the snow melting as it fell. Mostly clear at 10 P. M.
14	30.08	30.15	30.26	28	32	21	27.0	N. W. 2	N. W. 2	N. W. 2	3	2	0		14th. Cold, but fine.
15	30.27	30.27	30.41	16	29	22	22.3	N. W. 2	N'ly 1	N. W. 1	7	10	0		15th. Very fine, though cold.
16	30.44	30.34	30.07	19	36	34	29.7	N'ly 2	N. by E. 1	N. E'ly 2	0	10	10		16th. Appearances of storm in the afternoon.
17	29.61	29.27	29.16	38	46	36	40.0	S. E. 2	N'ly 1	N. W. 1	Rain	Foggy	0	1.25	Began to snow at 11 P. M.
18	29.35	...	29.61	28	...	28	...	N. W. 3	...	N. W. 4	10	...	0		17th. At sunrise, ground covered with snow, and raining, with wind at the N. E. Foggy in the afternoon. At 10 P. M., the moon shining upon a cloudless sky, and weather very mild.
S 19	29.89	29.77	29.57	25	35	32	30.7	W by N. 2	N. W. 2	S. W. 2	0	10	4		18th. Cold and blustering.
20	29.47	29.47	29.62	39	46	37	40.7	S. W. 1	W'ly 1	N'ly 2	10	8	Rain		19th. Rain and cold.
21	29.72	29.76	29.95	31	28	21	26.7	N. E. 2	N. E. 2	N. W. 1	Misty	Misty	4		20th. Began to rain moderately at 9 P. M.
22	29.29	30.38	30.50	10	20	16	15.3	N. W. 2	N'ly 2	N. W. 2	0	3	7		21st. Mist in the morning. Flurry of snow from 4 to 5 P. M. Clouds broken in the evening.
23	30.49	30.21	29.87	17	32	39	29.3	N. W. 2	N. E. 1	S'ly 1	2	10	Rain		
24	...	29.58	29.58	40	53	50	47.7	S. W. 1	S. W. 2	S. W. 1	10	10	Rain	0.90	
25	29.76	29.80	29.89	40	45	34	39.7	N. W'ly 1	N'ly 2	N. W'ly 2	9	10	9		22d. Pleasant, but cold.
S 26	29.56	29.53	29.81	36	45	36	39.0	E'ly 2	N. W. 2	W'ly 3	Misty	2	5		23d. Fine hail began to fall from 2 to 3 P. M., which was followed by snow from S. E'ly, and then by rain.
27	30.20	30.23	30.03	29	36	34	33.0	N. W. 2	E'ly 2	E'ly 2	1	9	Rain		24th. Cloudy. At 10 P. M., light rain.
28	29.54	29.29	29.46	47	56	39	47.3	S. E'ly 2	S. S. W. 4	W'ly 3	Foggy	Misty	5		25th. Very mild.
29	29.83	29.88	29.99	33	38	34	35.0	W'ly 2	W. by S. 3	W'ly 2	0	10	7		26th. Mist and light rain in the morning. Evening partly clear.
30	29.99	30.06	29.96	33	39	40	37.3	S. W. 1	S. W. 1	S'ly 1	9	10	3		27th. Light rain in the evening.
31	29.90	29.90	29.77	37	32	28	32.3	N. E. 2	N. E. 2	N. E. 2	10	Misty	10		28th. Rain in the afternoon, with wind heavy at S. W'ly. Barometer began to rise from 5 to 6 P. M., and the wind came round to W'ly. Mostly clear at 10 P. M. The ground is entirely free of frost.
Means	29.81	29.82	29.81	34.5	42.8	36.1	...	1.8	1.8	1.7	6.1	6.8	5.5	3.70	29th. Pleasant.
								1.8			6.1				30th. Very mild.
REDUCED TO SEA LEVEL.															31st. Mist and light rain in the afternoon.
Max.	30.67	30.56	30.68	54	63	54	56.7								
Min.	29.47	29.45	29.34	10	20	16	22.3								
Mean	29.99	30.00	29.99												
Range	1.20	1.11	1.34	44	43	38	34.4								
Mean of month	29.997			...	...	...	37.8								
Extreme range	1.34			...	...	...	53.0								

Prevailing winds from some point between— Days.

N. & E.	9
E. & S.	1
S. & W.	9
W. & N.	12

	Days.
Clear	4
Variable	13
Cloudy	
Rain or snow fell on	14

January, 1853. New Moon, 9d. 10h. 45m. A. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.59	29.50	29.62	28	32	34	31.3	N. E. 1	N. E. 2	N. E. 2	Foggy	Rain	Rain	1.60	1st. Light rain all day. Ground covered with sleet in the morning, which disappeared during the day. No frost in the ground at this time.
S 2	29.97	30.00	30.04	24	31	30	28.3	N. 2	N. E'ly 2	N. E. 2	1	5	10		2d. Air raw in the afternoon, and appearances of storm in the evening.
3	29.97	29.86	29.84	30	36	30	32.0	N. E. 1	N. E. 1	N. E. 2	10	10	10		3d. Appearances of storm.
4	29.75	29.65	29.65	28	24	20	24.0	N. E. 3	N'ly 3	N. E'ly 4	Snow	10	Snow	0.30	4th. Storm, with wind very heavy at N. E'ly, in the afternoon and evening.
5	29.75	29.86	29.91	21	27	17	21.7	N. W'ly 2	N. W. 2	N. W. 2	10	2	0		5th. The ground this morning partly covered with snow blown into small drifts and ridges.
6	29.89	29.80	29.78	15	37	29	27.0	N. W. 2	S. W. 2	S. W. 1	0	10	2		6th. Pleasant.
7	29.73	29.66	29.86	28	45	39	37.3	S. W'ly 1	W'ly 2	W'ly 2	0	2	1		7th. Very mild and pleasant. Very little frost in the ground.
8	29.99	29.97	30.01	30	47	31	36.0	S. W. 2	W'ly 2	N. W'ly	0	2	0		8th. Very fine.
S 9	29.87	29.77	29.87	34	53	41	42.7	S'ly 1	S. W. 1	S. W. 1	Foggy	6	0		9th. Pleasant and mild.
10	30.01	30.03	30.02	34	45	34	37.7	N. W. 2	N. W. 2	W'ly 1	1	1	3		10th. Very fine.
11	29.95	29.94	30.07	37	48	34	39.7	S. W. 2	S. E. 1	N'ly 2	8	10	3	1.50	11th. Very mild and pleasant. Frost nearly all out of the ground.
12	30.16	30.15	30.12	27	34	30	30.3	N. E. 3	N. E. 2	N. E. 4	Snow	10	10		12th. Began to snow at 7 A. M.; quantity which fell during the morning quite small.
13	30.01	30.00	29.96	27	20	20	22.3	N. E. 4	N. E. 4	N. E. 4	Snow	Snow	Snow		13th. Snowed without intermission all day; quantity large, and much drifted.
14	29.90	29.84	29.81	23	29	31	27.7	N. E. 3	N'ly 2	N'ly 1	10	Snow	10		14th. Light snow occasionally; much drifted; probably nine or ten inches deep on the level.
15	29.75	29.60	29.56	30	36	32	32.7	N. W. 1	W'ly 2	W'ly 1	1	3	7		15th. Very mild and pleasant.
S 16	29.52	29.49	29.56	20	16	8	14.7	W by N. 2	N. W. 3	N. W. 4	3	8	10		16th. At sunrise, ther. 20°; fell to 16° at 8½ A. M. In the evening, wind high and cold.
17	29.60	29.67	29.73	7	23	16	15.3	N. W. 3	N. W. 2	N. W. 1	0	0	0		17th. Morning cold, but fine.
18	29.76	29.73	29.75	22	31	26	26.3	N. W. 1	N. W. 1	N. E. 2	10	10	Snow		18th. Began to snow very moderately at 7 P. M.
19	29.79	29.79	29.87	21	28	18	22.3	N. W. 2	N. W. 2	N. W. 2	5	2	0		19th. One-half inch of fresh snow on the ground this morning. Day fine.
20	29.79	29.66	29.62	18	31	28	25.7	N. W. 2	N. W. 2	N'ly 1	2	3	10		20th. Pleasant. Began to snow very gently from 10 to 11 P. M.
21	29.71	29.70	29.77	29	37	26	30.7	N. W. 1	N. W. 2	N. W. 1	5	3	0		21st. A mere dusting of fresh snow last night. Day fine.
22	29.78	29.67	29.63	21	41	32	31.3	N. W. 1	S. W. 2	S. W. 1	2	7	6		22d. Pleasant. Cloudy and haze in evening.
S 23	29.38	29.00	28.68	34	40	37	37.0	E'ly 1	E'ly 2	S. E'ly 1	10	Rain	Foggy	0.87	23d. Began to rain at 9 A. M. Showers during the day. Foggy in the evening. At 9½ P. M., the barometer stood at 28.90 (reduced); at 10 P. M., the same; at 10½ P. M., still the same.
24	28.70	28.82	28.97	36	41	36	37.7	S. W. 2	S. W. 3	S. W. 2	10	3	10		24th. Very pleasant. Cloudy late in evening.
25	29.32	29.22	29.20	27	32	32	30.3	N. W. 1	S. 1	W. 2	8	0	Snow		25th. Very pleasant morning. Cloudy and raw in afternoon. Light snow at 10 P. M.
26	29.53	29.76	30.17	12	21	6	13.0	N. W. 1	W. 2	N. W. 3	0	2	0		26th. Clear and cold. Sharp wind in afternoon. Weather grew rapidly colder after 1 P. M.
27	30.34	30.35	30.49	8	23	12	14.3	N. W. 1	N. W. 1	N. W. 1	0	0	0		27th. Still and cold. Perfectly clear.
28	30.52	30.43	30.39	13	28	19	20.0	N. W. 1	N. W. 1	N. W.	0	0	0		28th. Milder than for a day or two past. Very fine.
29	30.25	30.03	29.74	18	32	29	26.3	N. W.	S.	S. 1	0	0	0		29th. Very pleasant morning. Raw S'ly wind in the afternoon.
S 30	29.49	29.44	29.56	31	43	38	37.3	W. 1	W'ly 2	N. W. 2	4	5	10		30th. Pleasant.
31	29.79	29.76	29.96	22	32	23	25.7	N. W. 2	N. W. 2	N. W. 2	1	10	0		31st. Cloudy in the afternoon, till nearly 10 P. M., when the sky became clear.
Means	29.79	29.75	29.75	24.4	33.6	27.0	...	1.7	1.9	2.0	4.9	5.2	5.2	4.27	
								1.9			5.1				
REDUCED TO SEA LEVEL.															
Max.	30.70	30.61	30.67	37	53	41	42.7								
Min.	28.88	29.00	28.86	7	16	6	13.0								
Mean	29.97	29.93	29.93												
Range	1.82	1.61	1.81	30	37	35	29.7								
Mean of month	29.943			...	...	...	28.3								
Extreme range	1.84			...	...	...	47.0								

Prevailing winds from some point between— Days.

N. & E.	7
E. & S.	2
S. & W.	8
W. & N.	14

	Days.
Clear	7
Variable	15
Cloudy	
Rain or snow fell on	9

February, 1853. New Moon, 8d. 0h. 25m. A. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.23	30.24	30.29	15	32	29	25.3	N. W. 1	S. E. 2	E'ly 1	0	1	4		1st. Pleasant.
2	30.25	30.14	30.00	31	40	40	37.0	S. E'ly 2	S'ly	S'ly 1	10	10	10		2d. Mild, with appearances of storm.
3	29.97	29.96	30.07	41	49	39	43.0	S'ly 1	N'ly 1	N'ly 1	Foggy	10	Foggy	0.60	3d. Heavy rain from about 3 to 5 A. M. The snow has nearly all disappeared from the ground.
4	30.10	30.07	30.11	36	40	38	38.0	E'ly 2	S. E. 2	S. E'ly 1	Foggy	Foggy	Rain		4th. Foggy during the day. Light rain in the evening.
5	30.10	30.05	30.00	41	46	41	42.7	S'ly 1	S. E'ly 1	S'ly 1	Foggy	Foggy	Foggy		5th. Fog and fine mist all day. Wind light S. E'ly.
S 6	29.88	29.81	29.79	46	58	49	51.0	S. byE. 1	S. by E. 2	S. W'ly 2	Foggy	Misty	Rain	2.25	6th. Mist during the day. Copious rain in the evening.
7	29.78	29.72	29.76	37	38	35	36.7	N. E. 2	N. E. 2	N. W. 1	10	Rain	5	0.15	7th. Moderate rain from 10 A. M. to 1 P. M. Clear at 11 P. M. Frost entirely out of the ground in most places.
8	29.82	29.83	29.88	27	37	27	30.3	N. W. 2	N. W. 2	N. W. 1	0	2	0		8th. Very fine.
9	29.87	...	29.95	23	...	17	20.0	N. W. 1	...	N. W. 2	1	...	0		9th. Pleasant in morning. Grew cold towards night.
10	29.93	29.76	29.56	16	30	32	26.0	W'ly 2	S. W. 3	S'ly 2	2	10	Snow		10th. Air very raw, with wind S'ly. Flurry of snow in the evening.
11	29.50	29.48	29.53	34	41	36	37.0	S'ly 1	S'ly 1	S'ly 1	9	5	0		11th. Cloudy in the morning, with light mist. Evening very clear and mild.
12	29.71	29.83	29.96	36	39	22	32.3	W.byN. 1	N. W. 2	N. E. 2	5	0	2		12th. Very pleasant.
S 13	29.77	29.44	29.43	24	32	18	24.7	N. E. 2	E'ly 1	N. W. 2	Snow	Misty	2	0.40	13th. Snow from 7 to 8 A. M. Light hail, mist, and rain in the afternoon. Evening clear.
14	29.53	29.68	30.02	20	24	14	19.3	W'ly 2	N.W'ly 4	N. W. 2	0	0	0		14th. Wind cold and severe.
15	30.20	30.18	30.11	11	27	28	22.0	N. W. 1	N. W. 2	S. W. 2	0	2	5		15th. Pleasant.
16	30.01	29.70	29.42	35	37	43	38.3	S. E'ly 2	S. E. 3	S'ly 2	10	Rain	Rain	1.00	16th. Rain began to fall at 9 A. M., and continued through the day and evening.
17	29.65	29.68	29.80	30	32	22	28.0	N. W. 3	N. W. 4	N. W. 2	0	0	0		17th. Very blustering.
18	29.85	29.76	29.68	20	29	25	24.7	N. W. 2	N. W. 3	W'ly 2	3	10	Snow		18th. Pleasant. Flurry of snow in the evening.
19	29.67	29.59	29.34	18	21	15	18.0	N. E. 2	N. E. 2	N. E. 3	10	10	10		19th. The ground lightly covered with snow. Raw and cold.
S 20	29.36	29.39	29.46	7	22	22	17.0	N'ly 3	N. W. 2	N. W. 1	3	0	0		20th. Morning cold, with severe wind. Evening still and pleasant.
21	29.70	29.72	29.80	19	31	23	24.3	N. W. 2	N. W. 2	N. W. 1	0	0	0		21st. Very fine. Evening splendid.
22	29.81	29.68	29.58	27	43	41	37.0	S. E'ly 2	S. E'ly 3	S. E'ly 1	4	9	10		22d. Mild, with appearances of storm in the evening.
23	29.27	28.95	28.92	43	45	37	41.7	S. W. 1	S. W. 2	W'ly 3	Rain	Rain	5	1.35	23d. Heavy rain from S. W. in the morning. At 7½ P. M., the barometer stood at 28.84; at 10 P. M., at 29.00.
24	29.19	29.19	29.43	25	30	18	24.3	N. W. 2	N. W. 4	N. W. 3	1	2	3		24th. Very blustering and cold.
25	29.54	29.52	29.69	20	31	24	25.0	W byN 2	N. W. 4	N. W. 2	1	1	2		25th. Blustering.
26	29.74	29.76	29.84	19	31	24	24.7	N. W. 2	N. W. 2	N. W. 1	0	3	0		26th. Very fine.
S 27	30.06	30.02	30.10	19	37	27	27.7	N. W. 2	N. W. 1	N. W. 1	0	0	0		27th. Very fine; day and evening nearly cloudless.
28	30.04	29.74	29.60	31	33	33	32.3	S. E. 2	E'ly 2	N'ly 2	10	Sn., h'l	Rain		28th. Snow, hail, and rain in driblets.
Means	29.80	29.73	29.75	26.8	35.4	29.2	...	1.7	2.3	1.6	5.0	5.5	5.2	5.75	
									1.9			5.2			
REDUCED TO SEA LEVEL.															
Max.	30.43	30.42	30.47	46	58	49	51.0								
Min.	29.37	29.13	29.10	7	21	14	17.0								
Mean	29.98	29.91	29.93												
Range	1.06	1.29	1.37	39	37	35	34.0								
Mean of month			29.940	...	...	...	30.5								
Extreme range			1.37	...	...	...	51.0								

Prevailing winds from some point between—	Days.
N. & E.	4
E. & S.	8
S. & W.	3
W. & N.	13

	Days.
Clear	10
Variable, Cloudy	8
Rain or snow fell on	10

March, 1853. New Moon, 9d. 3h. 11m. P. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.57	29.46	29.23	29	31	33	31.0	N. E. 2	N. E. 2	N. E. 3	Misty	Rain	Rain	0.80	1st. Moderate rain in the afternoon and evening.
2	29.42	29.52	29.63	29	41	36	35.3	N. W. 2	N.W'ly 2	N. W. 1	8	3	9		2d. Mild and pleasant.
3	29.63	29.55	29.61	34	37	33	34.7	N. E. 1	S. E'ly 2	N. W.	8	Rain	0		3d. Sprinkling of rain from noon to 2 P. M wind came to N. W. in the afternoon.
4	29.64	29.64	29.48	27	40	33	33.3	N.W'ly 2	W byN. 3	N. E. 2	0	2	10		4th. Appearances of storm in the evening. Air very raw.
5	29.13	29.32	29.64	30	33	27	30.0	N. E. 4	N. W. 4	N. W. 1	Snow	8	0		5th. Heavy fall of snow last night and this morning, commencing about midnight, and continuing till near noon. Evening clear. Snow from 8 to 10 inches deep.
S 6	29.74	29.67	29.80	21	36	30	29.0	N. W. 1	N. W. 2	N. E. 1	0	0	10		6th. Pleasant.
7	29.83	29.80	29.77	26	39	33	32.7	N. W. 1	S. W. 1	S. W. 2	4	1	5		7th. Very pleasant.
8	29.61	29.79	30.03	36	46	38	40.0	S. W. 2	N. W. 1	S. W'ly 1	9	7	8		8th. Pleasant. Snow of the 5th has nearly all disappeared.
9	29.92	29.68	29.77	38	47	40	41.7	S. E'ly 2	S. W. 2	N. W. 2	10	10	0		9th. Showery during the day. Bright starlight at 11 P. M.
10	30.17	30.26	30.31	30	41	29	33.3	N. W. 1	N. W. 1	N. E'ly 1	4	0	0		10th. Very fine.
11	30.22	30.01	29.85	31	37	34	34.0	N. E'ly 2	N. E'ly 3	N'ly 3	10	10	Rain	0.20	11th. Light snow and rain commenced falling about 5 P. M. The rain continued in the evening.
12	29.77	29.74	29.68	34	34	34	34.0	N. E. 3	N. E. 2	N.W'ly 1	Misty	10	10		12th. Mist and clouds.
S 13	29.58	29.52	29.56	38	45	34	39.0	W'ly 2	N.W'ly 3	N. W. 1	7	2	0		13th. Fine. Evening still and very splendid.
14	29.56	29.49	29.65	29	37	17	27.7	S. W'ly 1	S. W'ly 3	N. W. 4	0	5	0		14th. Mild and pleasant in the morning. During the afternoon, the wind came to N. W., with distant snow squalls and grew cold fast, with violent winds which continued unabated at 11 P. M.
15	29.71	29.78	29.85	10	22	15	15.7	N. W. 3	N. W. 4	N. W. 3	0	0	0		15th. Wind cold and severe all day. Evening very clear and cold.
16	30.00	30.01	30.04	13	28	24	21.7	N. W. 3	N. W. 3	N. W. 2	0	0	0		16th. Pleasant, but cold.
17	30.09	29.92	29.67	23	42	40	35.0	N. W. 1	S'ly 2	E'ly 1	0	10	Rain	0.35	17th. Mild and pleasant in the morning. Raw and misty in the afternoon. Rain in the evening.
18	29.35	28.97	29.13	40	55	39	44.7	S'ly 2	S. W. 2	N. W. 3	Misty	9	0		18th. Moderate rain in the morning; wind S'ly. Brisk thundershower from 6 to 7 P. M.
19	29.58	29.70	29.86	35	40	31	35.3	N. W. 3	N. W. 4	N. W. 1	0	2	0		19th. Pleasant. Evening very splendid.
S 20	29.89	29.78	29.68	28	51	44	41.0	W'ly 2	W.byS. 2	S. W. 2	0	0	0		20th. Very fine.
21	29.52	29.42	29.43	47	62	46	51.7	S. W. 2	S. W. 2	N. W. 1	5	0	9		21st. Very mild and pleasant.
22	29.40	29.34	29.37	42	60	40	47.3	W.byS. 1	W byN 2	W'ly 2	2	2	5		22d. Very fine.
23	29.36	29.35	29.42	34	53	35	40.7	W'ly 1	W.by S 2	N. W. 1	3	8	2		23d. Pleasant. Dashes of rain from 7 to 8 P. M. Very clear at 11 P. M.
24	29.46	29.50	29.64	33	45	35	37.7	N. W. 2	N. W. 3	N. W. 2	2	6	3		24th. Blustering, and very dusty.
25	29.77	29.67	29.68	35	46	39	40.0	N. W. 2	N. W. 2	N.W'ly 2	0	2	9		25th. Pleasant.
26	29.58	29.36	29.27	40	52	41	44.3	S. W. 2	S. E'ly 2	S'ly 1	9	2	Sprin'lg		26th. Southerly air; rather raw. Sprinkling of rain at 10 P. M.
S 27	29.25	29.32	29.57	40	49	36	41.7	N.W'ly 2	N. W. 2	N. W. 2	2	6	5		27th. Pleasant.
28	29.73	29.72	29.88	32	41	37	36.7	N. W. 2	N. W. 3	N. W. 2	2	10	10		28th. Air raw and cold, with occasional snowflakes.
29	29.89	29.87	29.82	37	48	38	41.0	N. W. 2	N. W. 2	N. W. 1	2	0	0		29th and 30th. Very fine.
30	29.56	29.45	29.54	42	61	49	50.7	S. W. 2	S. W. 3	N. W. 1	10	4	0		31st. Mild and pleasant.
31	29.70	29.61	29.61	39	58	48	48.3	N.W'ly 1	N. W. 2	W'ly 1	0	9	10		
Means	29.67	29.62	29.66	32.3	40.5	35.1	...	1.9	2.3	1.7	4.4	4.7	4.7	1.35	
									2.0			4.6			
REDUCED TO SEA LEVEL.															
Max.	30.40	30.44	30.49	47	62	49	51.7								
Min.	29.31	29.15	29.31	10	22	15	15.7								
Mean	29.85	99.80	29.84												
Range	1.09	1.29	1.18	37	40	34	36.0								
Mean of month			29.830	...	...	...	36.0								
Extreme range			1.34	...	...	...	52.0								

Prevailing winds from some point between—	Days.
N. & E.	3
E. & S.	2
S. & W.	9
W. & N.	17

	Days.
Clear	7
Variable, Cloudy	14
Rain or snow fell on	10

April, 1853. New Moon, 8d. 6h. 49m. A. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.49	29.57	29.73	41	41	36	39.3	N. E. 2	N. E. 2	N. W. 1	Rain	10	0	0.50	1st. Moderate rain and air rather raw in the morning. Evening clear.
2	29.94	29.94	30.01	32	50	34	38.7	N. by E. 2	N. E. 2	N. E. 1	2	2	0		2d. Pleasant.
S 3	30.01	29.91	29.82	32	52	37	40.3	S. W. 2	S. W. 2	S. W. 1	0	10	Rain		3d. Morning fine. Air raw in the afternoon.
4	29.54	29.42	29.14	35	39	42	38.7	N. E. 2	N. E. 1	E'ly 1	Misty	Rain	Rain	1.50	Began to rain moderately at 9 P. M. Snow and rain at midnight.
5	28.85	28.83	29.33	49	43	40	44.0	S. W. 2	W'ly 4	N. W. 3	Rain	10	2		4th. Light rain and mist through the day.
6	29.43	29.31	29.46	36	53	41	43.3	S. W. 1	S. W. 1	S. W. 2	5	Rain	Rain	0.40	Heavy thundershower from 7½ to 8 P. M. Rain continued.
7	29.60	29.66	29.76	33	47	36	38.7	N. W. 1	N. W. 2	N. W. 1	0	1	0		5th. At noon, the barometer stood at 28.87, and began to rise soon. Aurora in the evening, without streamers, but bright.
8	29.79	29.74	29.63	36	56	46	46.0	N. W. 1	S'ly 2	S'ly 2	3	4	0		
9	29.51	29.46	29.61	46	65	49	53.3	S. W. 4	S. W. 3	N. W. 2	Sprinl'g	3	0		
S 10	29.66	29.69	29.90	42	49	37	42.7	W by N 1	N. W. 3	N. W. 2	2	2	0		6th. Shower at 1 P. M. Thundershower, with hail, at 5 P. M., and rain in the evening. The morning was pleasant.
11	30.08	30.10	30.13	32	48	38	39.3	N. W. 2	S. W'ly 2	S. W'ly 2	0	2	2		
12	30.11	29.99	29.81	36	52	45	44.3	S. W. 2	S. W. 2	S. W. 2	3	8	Rain		7th. Very fine.
13	29.72	29.71	29.65	48	61	49	52.7	S. W. 2	E'ly 1	S. E'ly 1	Rain	9	Rain	0.90	8th. Very pleasant.
14	29.41	29.44	29.67	44	43	35	40.7	N. E. 1	N. E. 2	N. E. 2	Misty	Misty	Misty		9th. Heavy wind at S. W., and sprinkling of rain at sunrise. Mostly clear in the afternoon and evening.
15	29.90	29.99	30.06	33	47	39	39.7	N. W. 2	N. W. 2	N. W. 1	0	1	0		
16	30.21	30.12	30.06	33	53	41	42.3	N. W. 1	S. E'ly 2	S'ly 2	2	6	10		10th. Cool, and rather blustering.
S 17	29.91	29.75	29.73	33	38	37	36.0	N. E. 1	N. E. 2	N. E'ly 2	Snow	Rain	10	0.85	11th. Pleasant.
18	29.81	29.82	29.89	34	47	35	35.3	N. by E. 2	N by W 2	N. W. 1	4	2	0		12th. Began to rain moderately from 5 to 6 P. M.
19	29.90	29.79	29.81	36	61	43	46.7	S. W. 2	S. W. 2	S. W. 1	0	0	3		13th. Light rain in the morning, and again in the evening.
20	29.81	29.65	29.68	45	49	47	47.0	S. W. 2	S. W. 2	N. W. 2	Misty	Rain	9	0.30	14th. Rain from 6 to 8 P. M.
21	29.86	29.84	29.90	45	63	44	50.7	N. E'ly 2	E'ly 2	S'ly 2	10	2	2		15th. Very fine.
22	29.83	29.56	29.28	44	51	49	48.0	S'ly 2	S. by E. 2	S'ly 2	8	10	Rain	0.45	16th. Pleasant.
23	29.43	29.62	29.80	51	56	43	50.0	N. W. 3	N. W. 2	N. W. 1	2	0	1		17th. Snowed fast from 6 to 8 A. M.; then rain. Wind light.
S 24	29.94	29.88	29.85	38	51	39	42.7	N. E'ly 2	N. E. 2	S. E'ly 1	6	10	2		18th. Pleasant. Evening very clear.
25	29.79	29.79	29.73	40	42	36	39.3	N. E. 2	N. E. 2	N. E. 2	9	Misty	Rain	0.15	19th. Very pleasant.
26	29.76	29.78	29.88	36	53	41	43.3	N'ly 2	N. W. 2	N. E. 1	6	2	0		20th. Very moderate rain in the morning.
27	29.98	29.96	29·97	40	60	44	48.0	S'ly 1	S'ly 2	S'ly 1	0	0	0		21st. Pleasant.
28	29.96	29.89	29.91	45	61	45	50.3	S. by E. 1	S. by E. 2	S. E'ly 1	0	2	0		22d. Cloudy in the morning. Mist in the afternoon. Rain in the evening, with thunder.
29	29.86	29.74	29.74	46	67	53	55.3	S. W'ly 1	S. W. 2	S. W. 2	0	3	Hazy		23d. Very fine.
30	29.90	29.90	29.95	50	62	45	52.3	N. W. 2	N. W. 2	N. W. 2	5	0	0		24th. Cool. Air raw.
Means	29.77	29.73	29.76	39.7	52.0	41.5	...	1.6	2.0	1.6	4.9	5.3	4.4	5.05	25th. Air raw, with mist. Moderate rain in the evening.
								1.8			4.9				26th. Pleasant.
REDUCED TO SEA LEVEL.															27th to 30th. Very fine.
Max.	30.39	30.30	30.31	51	67	53	55.3								
Min.	29.03	29.01	29.32	32	39	34	35.3								
Mean	29.95	29.91	29.94												
Range	1.36	1.29	0.99	19	28	19	20.0								
Mean of month			29.933	...	...	...	44.4								
Extreme range			1.38	...	...	...	35.0								

Prevailing winds from some point between—	Days.
N. & E.	5
E. & S.	6
S. & W.	12
W. & N.	7

	Days.
Clear	9
Variable, Cloudy	8
Rain or snow fell on	13

May, 1853. New Moon, 7d. 10h. 58m. P. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
S 1	30.05	30.00	30.03	44	52	40	45.3	N. W. 2	N. W. 3	N. W. 2	0	0	0		1st. Rather cool, but fine. Clouds of dust in the streets.
2	30.06	29.96	29.97	38	59	48	48.3	N. W. 2	N. W. 2	N. W. 1	0	2	0		2d. Very fine. Aurora in the evening extending from N. W. to N. E., with beautiful streamers reaching nearly to the zenith.
3	30.07	30.02	29.86	45	54	47	48.7	N. W. 2	S. E'ly 2	S'ly 2	9	10	3		
4	29.87	29.88	29.94	46	61	44	50.3	N. E'ly 1	N. E. 2	N. E. 1	5	7	0		
5	29.90	29.78	29.70	45	53	47	48.3	N. E. 2	E'ly 2	N. E. 2	10	10	Rain	1.05	3d. Air rather raw.
6	29.57	29.60	29.75	42	50	43	45.3	N. E. 2	N. E. 2	N. E'ly 1	10	10	2		4th. Brisk showers at about 2 A. M. The day pleasant.
7	29.85	29.81	29.81	42	63	45	50.0	N. E. 2	N. E. 2	S. E'ly 1	0	1	0		5th. Began to rain moderately at 9 P. M.
S 8	29.79	29.71	29.48	46	57	51	51.3	S. E'ly 2	S. E'ly 2	E'ly 1	10	10	Rain	0.95	6th. Occasional mist through the day. Evening clear.
9	29.58	29.66	29.73	44	63	51	52.7	N. W. 2	S'ly 2	S'ly 1	9	3	0		7th. Pleasant.
10	29.78	29.77	29.78	49	64	49	54.0	S. W. 1	S'ly 2	S. W'ly 2	Foggy	0	0		8th. At 1 P. M., wind S'ly, while the clouds came from N. W. Rain in the evening.
11	29.73	29.74	29.86	49	71	52	57.3	S. W. 2	N. W. 2	N. W. 1	10	3	0		
12	29.92	29.84	29.79	50	67	54	57.0	N. E. 1	S'ly 2	S'ly 2	0	4	9		9th. Very fine.
13	29.86	29.86	29.96	50	59	50	53.0	N. W. 1	N. W. 2	N. W. 1	3	8	0		10th. Pleasant.
14	30.00	29.95	29.97	48	69	55	57.3	N. W. 1	S. W'ly 3	N. W. 2	0	2	0		11th. Sprinkling of rain at 6 A. M. Pleasant in the afternoon and evening.
S 15	30.02	29.95	29.95	54	76	55	61.7	S. W'ly 2	S. W. 3	S. W'ly 1	4	4	3		12th. Very pleasant.
16	29.86	29.77	29.78	56	78	63	65.7	S. W. 2	S. W. 3	S. W. 1	5	3	5		13th and 14th. Very fine.
17	29.82	29.81	29.81	64	87	68	73.0	S. W. 2	S. W. 3	S. W. 2	5	2	4		15th. Pleasant.
18	29.78	29.86	29.78	65	62	47	58.0	S. W. 2	N. E. 2	N. E. 2	5	5	10		16th. Pleasant. The thermometer at 1 P. M. (78°) was higher than at any time since Sept. 11th, being over eight months. Frequent lightning in the N. E at 10 P. M.
19	29.51	29.46	29.46	52	55	46	51.0	W. by S. 1	N. E. 1	N. W'ly 1	Rain	Rain	5	1.15	
20	29.49	29.54	29.66	45	62	47	51.3	N. W. 3	N. W. 3	N. W. 1	2	2	0		17th. From 1 to 2 P. M., the thermometer stood at 87°, placed in the shade in a brisk current of air.
21	29.69	29.62	29.61	49	71	56	58.7	W'ly 2	S. W. 2	S. W. 2	0	2	3		
S 22	29.62	29.58	29.66	57	74	56	62.3	S. W. 2	S. W. 3	S. W. 2	2	0	3		18th. At 6 A. M., very warm; wind S.W. Wind came to N. E. about 10 A. M., and grew cooler.
23	29.69	29.64	29.75	56	76	59	63.7	S. W. 2	S. W. 3	S. W. 2	2	4	5		19th. Heavy shower, with thunder, from 3 to 5 A. M. Rain at intervals during the day. Thunder in the afternoon. At 11 P. M., clear and mild.
24	29.79	29.80	29.75	60	75	55	63.3	S. W'ly 2	S'ly 3	N. W. 2	8	10	7		
25	29.73	29.69	29.60	59	71	55	61.7	N. E. 1	S. E'ly 2	N. E'ly 1	Rain	9	Rain	0.75	
26	29.42	29.30	29.26	58	63	55	58.7	E'ly 2	S. E'ly 2	S. W. 2	Misty	Rain	Rain	1.05	20th. Cool and blustering.
27	29.49	29.58	29.70	55	77	59	63.7	N. W. 2	W'ly 2	S. W'ly 1	10	4	0		21st. Very pleasant.
28	29.72	29.72	29.72	60	79	62	67.0	S. W. 2	S. 2	S. W. 1	5	0	0		22d. Very fine.
S 29	29.66	29.63	29.79	62	80	61	67.7	S. W. 1	S. W. 2	S. W. 2	2	2	0		23d. Pleasant.
30	29.81	29.73	29.74	61	74	64	66.3	S. W. 2	S. W. 3	S. W. 2	0	2	10		24th. Sprinkling of rain at 6 P. M. Aurora in the evening.
31	29.90	29.96	29.95	50	64	48	54.0	N. E. 2	N. E. 3	N. E. 2	10	2	0		25th. Copious rain in the morning. Rain again at 11 P. M.
Means	29.78	29.75	29.76	51.7	66.7	52.6	...	1.8	2.3	1.5	5.3	4.5	3.5	4.95	26th. Steady rain in the afternoon and evening.
								1.9			4.4				27th. Pleasant.
REDUCED TO SEA LEVEL.															28th and 29th Very fine.
Max.	30.25	30.20	30.21	65	87	68	73.0								30th. Pleasant.
Min.	29.60	29.48	29.44	38	50	40	45.3								31st. Pleasant, but cool.
Mean	29.96	29.93	29.94												
Range	0.65	0.72	0.77	27	37	28	27.7								
Mean of month			29.943	...	...	...	57.0								
Extreme range			0.81	...	...	...	49.0								

Prevailing winds from some point between—	Days.
N. & E.	8
E. & S.	3
S. & W.	14
W. & N.	6

	Days.
Clear	9
Variable, Cloudy	14
Rain fell on	8

June, 1853. New Moon, 6d. 2h. 54m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	30.11	30.07	30.11	46	71	49	55.3	N. E. 2	N. E. 2	N. E. 1	0	3	0		1st. Frost this morning in the vicinity. Aurora quite bright at 11 P. M., without streamers.
2	30.09	30.03	30.04	46	68	56	56.7	N. E. 1	S. E. 2	S. E'ly 2	0	0	10		2d. Frost in the vicinity again this morning. Day pleasant.
3	29.96	29.85	29.79	57	70	62	63.0	S. by W. 2	S. W'ly 3	S. W. 2	10	7	10		3d. Variable. Frequent lightning in the west at 10 P. M. Heavy thunder from 11 to 12 P. M.
4	29.73	...	29.95	64	...	51	...	S. W. 2	...	N. E. 1	6	...	0	0.20	4th. Dashes of rain at 6 A. M. Morning warm and sultry. From 11 A. M to noon, wind changed from S. W. to N. E., with rain and sudden fall of temperature.
S 5	29.77	29.76	29.75	54	72	56	60.7	N. E'ly 2	N. E. 2	N. E'ly 1	0	0	2		5th and 6th. Very fine.
6	29.91	29.87	29.80	52	70	54	58.7	N by W. 2	S. by E. 3	S'ly 2	3	0	0		7th. Pleasant. Appearances of rain in evening.
7	29.75	29.68	29.69	55	73	62	63.3	S. W. 2	S. W. 3	S. W. 2	2	7	10		8th. Light rain early in the morning. Evening splendid.
8	29.77	29.83	29.95	62	71	56	63.0	W'ly 2	N. E. 2	S. E'ly 1	Rain	5	0	0.10	9th. Very fine.
9	30.05	30.07	30.08	54	74	53	60.3	N. E. 1	E'ly 2	N. E. 1	0	2	0		10th Day pleasant. Evening cloudy.
10	30.07	30.03	29.97	48	74	62	61.3	N. E'ly 1	S. E'ly 2	S'ly 2	2	0	10		11th. Pleasant. Evening overcast.
11	29.96	29.94	29.99	59	71	61	63.7	S. E'ly 1	S. E'ly 2	S'ly 1	0	5	10		12th and 13th. Pleasant.
S 12	30.10	30.16	30.17	62	75	59	65.3	N. E. 2	E'ly 2	E'ly 1	10	3	9		14th. Very hot sun.
13	30.16	30.01	29.92	56	76	62	64.7	S. E'ly 2	S. W. 3	S. W. 2	5	6	8		15th. Very fine.
14	29.92	29.91	29.95	64	86	65	71.7	S. W'ly 2	S'ly 2	S. W'ly 2	5	2	0		16th. At 1 P. M., thermometer stood at 88° in the shade, in a brisk current of air.
15	29.95	29.91	29.87	65	75	62	67.3	S'ly 2	S. E'ly 3	S. by E. 2	Foggy	0	2		17th. Fog-clouds in the morning. Hot sun from 9 A. M. to 5 P. M. Evening mostly overcast.
16	29.87	29.79	29.81	64	88	65	72.3	S. by E. 2	S. W. 3	S. W. 2	0	2	0		18th. Sprinkling of rain last night.
17	29.74	29·67	29.66	68	84	68	73.3	S. W. 3	S. W. 3	S. W. 2	10	0	10		19th. Sun very scorching. Vegetation beginning to show signs of drought.
18	29.67	29.65	29.68	68	82	64	71.3	S. W. 2	S. W. 2	S. W. 2	10	3	2		20th. At 2 P. M., thermometer stood at 90° in the shade, in a fresh breeze.
S 19	29.68	29.68	29.77	66	87	70	74.3	S. W. 1	W'ly 2	W'ly 1	0	3	4		21st. At 2 P. M., thermometer stood at 94° in the shade, free from the effects of reflection; at 2½ P. M., at 95° in the shade, and when freely swung in the air; at 3 P. M., at 94°; at 6 P. M., at 92°; at 10 P. M., at 77°; and at 12 P. M., at 76°. Mean of four observations—viz., at 6 A. M., 1 P. M., 2½ P. M., and 10 P. M.—85°.5; being as warm as any day on my Record of 22 years' continuance, with the exception of July 13, 1849, when the thermometer rose to 97°, with a mean of 90° for four observations at the times above mentioned.
20	29.75	29.67	29.69	69	91	78	79.3	W by N 1	S. W. 2	S. W. 1	9	5	3		22d. Thunder and sprinkling of rain from 5 to 6 P. M. Evening cool.
21	29.70	29.67	29.71	76	94	77	82.3	S. W. 2	W'ly 3	W'ly 2	1	1	4		23d. Heat abated. Sprinkling of rain at 11 P. M.
22	29.72	29.70	29.78	72	86	63	73.7	N. E'ly 1	N. E. 2	N. E. 2	5	4	3		24th. Pleasant. Evening cool.
23	29.72	29.63	29.57	63	85	78	75.3	N. E'ly 1	N. E. 1	S'ly 1	10	2	10		25th. Fine. Evening quite cool and clear.
24	29.51	29.57	29.71	74	79	66	73.0	N. W. 3	W'ly 3	N. W. 2	8	1	0		26th. At sunrise, thermometer 49°. At 8 A. M., dew-point 43°; at 1 P. M., 42°. Sprinkling of rain at 7 P. M.
25	29.77	29.75	29.89	59	77	57	64.3	N. W. 2	N. W'ly 3	N. W. 2	0	3	0		27th. Moderate rain in afternoon and evening.
S 26	29.97	29.95	30.04	57	75	60	64.0	N. W. 2	N. W. 2	N. W. 1	0	4	5		28th. Very fine.
27	30.00	29.91	29.76	60	66	57	61.0	W S. W. 3	S. W. 3	S. W. 1	10	Rain	Rain	0.60	29th. Pleasant.
28	29.80	29.80	29.83	57	78	60	64.3	N'ly 1	E'ly 1	S. W. 1	10	8	0		30th. Sprinkling of rain from 6 to 8 P. M.
29	29.83	29.80	29.86	61	75	65	66.7	S. W. 1	S. W. 3	S'ly 1	7	10	10		
30	29.79	29.75	29.68	66	78	71	71.7	S. W. 2	S. W. 3	W'ly 1	10	3	2		
Means	29.86	29.83	29.85	60.8	77.6	62.3	...	1.8	2.3	1.5	5.1	3.3	4.5	0.90	
								1.9			4.3				
REDUCED TO SEA LEVEL.															
Max.	30.34	30.34	30.35	76	94	78	82.3								
Min.	29.69	29.75	29.75	46	66	49	55.3								
Mean	30.04	30.01	30.03												
Range	0.65	0.59	0.60	30	28	29	27.0								
Mean of month			35.027	...	...	...	66.9								
Extreme range			0.66	...	...	...	48.0								

Prevailing winds from some point between—	Days.
N. & E.	7
E. & S.	5
S. & W.	14
W. & N.	4

	Days.
Clear	8
Variable, Cloudy	13
Rain fell on	9

July, 1853. New Moon, 6d. 2h. 45m. A. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	29.70	29.69	29.67	70	85	70	75.0	W'ly 2	N. W. 1	W'ly 1	2	8	0		1st. Pleasant; sun hot.
2	29.77	29.75	29.83	65	78	65	69.3	N. W. 2	N. W. 3	N. W. 1	0	0	0		2d and 3d. Very fine.
S 3	29.90	29.87	29.84	62	78	68	69.3	N. W. 1	S. W. 3	S. W. 2	0	2	7		4th. Mostly overcast. Sprinkling of rain at 4 A. M.
4	29.77	29.72	29.66	72	82	72	75.3	S. W. 2	S. W. 2	S. W. 2	10	10	2		5th and 6th. Very fine.
5	29.62	29.62	29.68	70	86	66	74.0	S. W. 1	S. W. 2	N. W. 2	4	3	6		7th. Very fine. The ground getting very dry.
6	29.71	29.71	29.78	68	82	66	72.0	N. W. 3	N. W. 2	N. W. 1	2	2	0		8th. Pleasant.
7	29.85	29.86	29.93	65	82	62	69.7	N. W. 1	N. W. 2	N. W. 1	0	2	0		9th. Rain, with thunder, from 7 to 9 P. M. Sun very hot during the day, when not obscured by clouds.
8	29.94	29.86	29.74	60	87	70	72.3	S. W. 1	S. W. 3	S. W. 2	0	7	0		10th. Sprinkling of rain from 11 A. M. to noon. Evening cloudy. Heavy thundershower at 11 P. M.
9	29.83	29.81	29.77	72	88	72	77.3	S. W. 2	S'ly 2	W'ly 1	3	7	Rain	0.60	
S 10	29.81	29.80	29.77	72	83	72	75.7	S. W. 1	S. W. 1	S. W. 1	8	8	Rain	0.75	
11	29.76	29.73	29.75	66	79	68	71.0	N. W. 1	W'ly 2	W. 1	10	5	0		11th. Pleasant.
12	29.76	29.76	29.78	66	74	62	67.3	N. E'ly 2	N. E. 2	N. E. 2	9	10	3		12th. Very pleasant.
13	29.87	29.91	29.96	62	78	65	68.3	N. W. 2	N. W. 1	N. W. 5	0	1	6		13th. Pleasant.
14	30.08	29.91	29.91	62	81	63	68.7	N. W. 1	S'ly 2	S'ly 1	0	3	0		14th. Pleasant. Sprinkling of rain from 4 to 5 P. M.
15	29.84	29.73	29.69	61	81	66	69.3	S. W. 1	S. W. 2	S. W. 1	0	2	0		15th. Very fine.
16	29.63	29.58	29.57	69	74	68	70.3	S. W. 3	S. W. 3	W'ly 1	10	10	5	0.40	16th. Moderate rain from 4 to 8 P. M.
S 17	29.62	29.64	29.79	66	80	63	69.7	N. W. 2	N. W. 2	N. W. 1	5	3	0		17th. Fine. Evening very clear and cool.
18	29.94	29.91	29.94	58	80	63	67.0	N. W. 1	S. W. 2	N. W. 1	0	2	0		18th. Very fine.
19	29.97	...	29.98	63	...	65	...	S. W. 1	...	S. W. 2	2	...	6		19th. Pleasant. Sprinkling of rain from 4 to 5 P. M.
20	29.79	29.80	29.79	61	76	64	67.0	E'ly 2	N'ly 1	N. W. 1	Rain	5	2	0.90	20th. Heavy shower, with thunder, during the night and early in the morning. Pleasant in the afternoon and evening.
21	29.79	29.75	29.79	63	79	65	69.0	N. W. 1	N. W. 1	S. W. 1	10	9	8		21st. Mostly cloudy.
22	29.81	29.80	29.83	64	81	65	70.0	S. W. 1	S. W. 2	S'ly 1	8	3	3		22d. Pleasant.
23	29.82	29.78	29.75	64	68	61	64.3	S. W. 1	E'ly 1	N. E'ly 1	9	Rain	10	0.75	23d. Began to rain very gently at 11 A. M., and continued through the afternoon and evening.
S 24	29.79	29.78	29.81	64	79	68	70.3	N'ly 1	S. W. 2	S. W. 1	10	3	0		24th. Pleasant.
25	29.78	29.75	29.73	69	85	72	75.3	S. W. 2	S. W. 3	S. W. 2	10	5	6		25th. Pleasant. Sun rather scorching at mid-day.
26	29.63	29.67	29.73	74	73	71	72.7	W'ly 1	S. W. 1	S. W.	Rain	Rain	10	1.90	26th. Heavy rain from 7 to 9 A. M., with lightning and heavy thunder. Occasional showers during the day.
27	29.81	29.77	29.77	62	64	61	62.3	N'ly 1	N. E. 2	N'ly 1	Rain	Rain	10	1.07	27th. Rain nearly all day.
28	29.94	29.99	30.07	63	78	64	68.3	N. W. 1	W'ly 1	N. W. 1	6	8	Hazy		28th. Pleasant, but cloudy.
29	30.08	30.05	30.00	64	76	66	68.7	W'ly 1	S. S. E. 2	S. W. 1	Hazy	Hazy	2		29th. Hazy nearly all day.
30	29.96	29.99	29.86	67	78	71	72.0	W'ly 1	S. W. 1	W. 2	10	5	10		30th. Very pleasant. Little or no air stirring.
S 31	29.80	29.75	29.79	73	84	73	76.7	S. W. 1	S. W. 1	N. W. 1	10	3	2		31st. Pleasant. Rather sultry at noon.
Means	29.82	29.79	29.81	65.7	79.3	66.7	...	1.4	1.8	1.4	5.9	5.5	4.1	6.37	
								1.5			5.2				
REDUCED TO SEA LEVEL.															
Max.	30.26	30.23	30.25	74	88	73	77.3								
Min.	29.80	29.76	29.75	58	68	61	62.3								
Mean	30.00	29.97	29.99												
Range	0.46	0.47	0.50	16	20	12	15.0								
Mean of month			29.987	...	...	...	70.6								
Extreme range			0.51	...	...	...	30.0								

Prevailing winds from some point between—	Days.
N. & E.	2
E. & S.	1
S. & W.	17
W. & N.	11

	Days.
Clear	8
Variable, Cloudy	13
Rain fell on	10

August, 1853. New Moon, 4d. 6h. 47m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.84	29.82	29.78	69	83	70	74.0	N. W. 1	S.	S'ly 2	10	9	10		1st. Sultry. Sprinkling of rain at 9 P. M.
2	29.61	29.66	29.75	71	76	62	69.7	W'ly 1	N'ly 2	N. E.	Rain	10	Rain	1.74	2d. Rain last night, and this morning till 8 o'clock. Showers in the evening. Mostly clear at 11 P. M.
3	29.78	29.79	...	60	76	...	...	N. W. 1	S'ly 1	...	0	9	...		3d. Cool and very pleasant.
4	...	...	...	...	...	...	...	...	...	...	Rain	Rain	Rain	3.04	4th. Heavy rain; wind N. E.
5	...	...	...	...	...	...	...	...	...	...	...	...	...		5th. Pleasant.
6	...	...	29.83	...	...	66	...	...	...	N. E. 2	...	...	Rain		6th. Cloudy in the morning. Rain after 5 P. M.
S 7	29.85	29.86	29.86	67	71	65	67.3	N. E. 1	N. E'ly 1	N. E. 1	Misty	10	10		7th. Cloudy, with frequent mist.
8	29.88	29.82	29.79	64	78	71	71.0	N'ly	S'ly 2	W. 4	Misty	4	Rain		8th. Very pleasant. Distant lightning early in the evening. Shower at 10 P. M.
9	29.83	29.81	29.83	68	85	73	75.3	S'ly 1	S. W. 2	S'ly	0	0	3		9th. Pleasant in the morning. Very hot and without breeze in the afternoon.
10	29.83	29.83	29.90	71	87	73	77.0	W'ly 1	W. 1	S'ly 1	0	1	0		10th. Very pleasant; hot sun.
11	29.94	...	29.83	73	...	74	...	S'ly	...	S'ly 1	Hazy	...	0		11th. Very warm; no air stirring.
12	29.83	29.74	29.72	75	88	77	80.0	S. W. 1	S. 2	S. W. 1	9	0	0		12th. Heat oppressive.
13	29.72	29.71	29.72	80	90	74	81.3	S. W. 1	S. W. 1	N. E. 1	0	5	2		13th. Heat still oppressive
S 14	29.65	29.58	29.66	76	90	74	80.0	S. W. 3	S. W. 1	N. E. 1	2	1	Rain	0.40	14th. Heat unabated. Thunder and rain at 7 P. M. Rain continued through the evening.
15	29.80	29.84	29.89	66	75	62	67.7	N. E. 2	N. E. 3	N. E. 1	10	2	3		15th. Cool and pleasant.
16	29.88	29.90	29.86	64	76	64	68.0	N. E. 1	N. E. 2	N. E. 1	2	2	7		16th. Pleasant.
17	29.82	29.73	29.63	64	67	62	64.3	N. E. 1	S. E'ly 1	Calm	10	Rain	10		17th. Rain began about noon, and continued in the afternoon.
18	29.53	29.44	29.34	65	73	67	68.3	S'ly 1	S. W'ly 2	S. W. 2	Foggy	Rain	9	1.35	18th. Frequent showers through the day.
19	29.39	29.51	29.64	62	72	58	64.0	N. W. 3	N. W. 2	N. W. 1	5	2	0		19th. Evening splendid and very cool.
20	29.70	29.69	29.72	55	72	59	62.0	N. W. 1	N. E. 1	S. W. 1	3	6	5		20th. Pleasant.
S 21	29.75	29.71	29.76	60	76	63	66.3	N. W. 1	W'ly 2	S. W. 1	0	3	1		21st. Very fine.
22	29.78	29.77	29.88	63	77	64	68.0	S. W. 1	S. W. 1	N. W. 1	6	5	5	0.45	22d. Pleasant. Fine shower at 5 P. M.
23	29.97	29.99	29.93	54	71	57	60.7	N. W. 2	N. W. 2	N. W. 1	0	5	3		23d. Very fine.
24	29.93	29.82	29.72	59	69	68	65.3	Calm	S. W. 2	S. W. 1	Hazy	10	Misty	0.25	24th. Pleasant in the morning. Cloudy in the afternoon. Sprinkling of rain.
25	29.73	...	29.84	70	...	70	...	S. W. 1	...	N'ly 1	7	...	10		25th. Very warm. Sprinkling of rain in the morning. Mostly cloudy through the day.
26	30.02	30.03	30.02	62	70	61	64.3	N. W. 2	N. E. 2	N. E. 2	0	2	10		26th. Very fine. The comet clearly visible to the naked eye at 8 P. M., in the N. W., not very high.
27	...	29.76	29.68	69	75	66	70.0	S. E. 2	S. W. 3	S. W. 1	10	10	Rain	1.15	27th. Cloudy. Thunder and copious rain at 8 P. M.
S 28	29.72	29.78	29.87	57	71	57	61.7	N. W. 2	N. W. 2	N. W. 1	5	2	0		28th. Very fine.
29	29.90	...	29.89	52	...	58	...	N. W. 1	...	S. W. 2	2	...	0		29th. At 5 A. M., ther. at 50°. Very fine.
30	29.90	29.86	29.73	58	75	62	65.0	S. W. 1	S. W. 2	S. W. 2	1	2	0		30th. Very fine.
31	29.79	29.74	29.84	64	78	69	70.3	S. W. 2	S. W. 3	S. W. 1	6	7	0		31st. Pleasant.
Means	29.79	29.77	29.78	64.9	76.8	66.0	...	1.3	1.6	1.2	5.3	5.1	5.3	8.38	
									1.4			5.2			
REDUCED TO SEA LEVEL.															
Max.	30.20	30.21	30.20	76	90	77	81.3								
Min.	29.57	29.62	29.52	52	67	57	55.0								
Mean	29.97	29.95	29.96												
Range	0.63	0.59	0.68	24	23	20	26.3								
Mean of month			29.960	...	...	...	69.2								
Extreme range			0.69	...	...	...	38.0								

Prevailing winds from some point between— Days.

	Days.
N. & E.	7
E. & S.	2
S. & W.	17
W. & N.	2

	Days.
Clear	6
Variable, Cloudy	12
Rain fell on	12

(1 day omitted.)

September, 1853. New Moon, 3d. 6h. 33m. A. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.93	29.97	30.00	68	75	64	69.0	N. E. 2	N. E. 1	N. E. 1	10	9	0		1st. Pleasant.
2	30.03	30.01	30.01	62	78	65	68.3	N. E. 1	S. W. 2	S'ly 2	0	0	0		2d. Very fine.
3	29.98	29.90	29.87	67	80	70	72.3	S. W. 2	S. W. 2	S. W. 1	10	2	10		3d. Warm and sultry.
S 4	29.88	29.82	29.80	69	83	73	75.0	S. W. 1	S. W. 3	S. W. 2	8	3	2		4th. Sun very hot at mid-day.
5	29.82	29.86	29.91	70	80	65	71.7	N. W. 1	N. E. 2	N. E. 1	0	0	3		5th. Very fine.
6	29.83	29.72	29.73	70	85	75	76.7	E'ly 1	E'ly 2	S. W. 1	Foggy	3	2		6th. Very warm and sultry.
7	29.68	...	29.67	72	...	69	...	S. W. 2	...	N. W.	3	...	8		7th. Fine, but warm.
8	29.76	29.82	29.97	62	70	60	64.0	N. W. 3	N. W. 3	N. W. 1	4	1	0		8th. Very fine.
9	30.01	30.06	30.04	54	73	60	62.3	N'ly 2	E'ly 2	S. E'ly 1	2	10	9		9th. Pleasant.
10	29.92	29.76	29.79	60	65	56	60.3	S. E'ly 1	N'ly 1	N. W. 1	Rain	10	0	0.30	10th. Moderate rain in the morning. Evening very clear.
S 11	29.94	29.89	29.99	50	69	51	56.7	N. W. 1	N. W. 2	N. W. 1	0	5	0		11th. Cool and very fine. Evening remarkably clear.
12	30.07	30.00	29.97	45	65	51	53.7	N. W. 1	N. W. 2	S. W. 1	0	0	0		12th. White frost this morning in the vicinity. Day fine.
13	30.01	29.81	29.78	50	70	58	59.3	S. W. 1	W. 2	N'ly 1	0	1	2		13th. Very fine.
14	29.77	29.72	29.58	56	74	66	65.3	N. W. 1	S. W. 2	S. W. 3	5	9	10		14th. Sprinkling of rain at 5 P. M. Appearances of rain in the evening.
15	29.22	29.24	29.28	66	76	63	68.3	S. W. 4	W'ly 3	W'ly 2	Rain	5	10	1.00	15th. Rain during the night and early this morning.
16	29.57	29.76	29.82	60	71	57	62.7	N. W. 2	N. W. 2	N. W.	5	2	2		16th. Pleasant.
17	29.90	29.89	29.90	54	70	58	60.7	N. E. 1	E'ly 2	S'ly 2	8	10	10	0.65	17th. Cloudy; occasional sprinkling of rain.
S 18	29.84	29.83	29.87	64	72	66	67.3	S. W'ly 1	S. W. 1	S. W. 1	Misty	10	10		18th. Rain last night.
19	29.88	29.87	29.87	66	76	66	69.3	S. W. 1	S. W. 2	S. W. 1	10	1	0		19th. Very fine.
20	29.80	29.76	29.73	69	77	69	71.7	S. W. 2	S. W. 3	S. W. 2	10	7	Misty		20th. Warm and sultry.
21	29.68	29.52	29.59	64	69	62	65.0	N'ly 1	N'ly 1	N'ly 1	Rain	10	Misty	1.30	21st. Heavy rain last night. Clouds, with some mist.
22	29.59	29.56	29.64	62	70	61	64.3	N. W. 1	N. W. 1	N. W. 1	9	10	10		22d. Pleasant. Heavens mostly overcast.
23	29.68	29.71	29.75	56	67	56	59.7	N. W. 1	N. W. 1	N. W. 1	9	9	0		23d. Pleasant.
24	29.80	29.73	29.72	51	69	62	60.7	N. W. 1	S. W. 2	S. W. 1	0	1	0		24th, 25th, and 26th. Very fine.
S 25	29.99	29.94	29.99	48	61	49	52.7	N. W. 2	N. W. 2	N. W. 1	2	1	0		
26	29.99	30.00	29.97	44	62	50	52.0	N. W. 1	N. W. 2	N. W. 1	0	0	0		
27	29.95	29.90	29.83	51	54	51	52.0	N. E. 1	N. E. 2	N. E. 1	10	10	10		27th. Cloudy, with appearances of storm.
28	29.64	29.49	29.62	53	57	44	51.3	N. E'ly 1	N. E. 2	N. E.	Misty	Rain	Rain	0.55	28th. Mist, with occasional heavy showers.
29	29.78	29.83	29.92	43	54	40	45.7	N. W. 2	N. W. 2	N. W. 2	9	9	0		29th. Mostly cloudy in the morning. Evening very fine.
30	29.92	29.82	29.79	35	57	44	45.3	N. W. 2	N. W. 2	N. W. 1	0	0	0		30th. Very fine.
Means	29.82	29.80	29.81	58.0	70.0	59.4	...	1.5	1.9	1.3	5.8	4.9	4.3	3.80	
									1.6			5.0			
REDUCED TO SEA LEVEL.															
Max.	30.25	30.24	30.22	72	85	75	76.7								
Min.	29.40	29.42	29.46	35	54	40	45.3								
Mean	30.00	29.98	29.99												
Range	0.85	0.82	0.76	37	31	35	31.4								
Mean of month			29.990	...	...	...	62.5								
Extreme range			0.85	...	...	...	50.0								

Prevailing winds from some point between— Days.

	Days.
N. & E.	7
E. & S.	1
S. & W.	11
W. & N.	11

	Days.
Clear	11
Variable, Cloudy	12
Rain fell on	6

October, 1853. New Moon, 2d. 5h. 10m. P. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 1 P. M	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.77	29.69	29.62	44	59	55	52.7	N. W. 2	S. W'ly 1	S. W. 1	2	10	Rain		1st. Pleasant.
S 2	29.55	29.48	29.59	56	64	51	57.0	S. W'ly 1	W'ly 2	N. W. 1	7	0	0		2d. Pleasant Evening very clear.
3	29.58	29.56	29.77	42	53	42	45.7	N. W. 2	N. W. 3	N. W. 2	1	5	0		3d and 4th. Very fine.
4	29.87	29.84	29.70	36	59	50	48.3	N. W. 2	W'ly 3	S. W. 1	0	0	0		5th. Pleasant, with appearances of storm in the evening.
5	29.66	29.48	29.32	50	66	52	56.0	S. W. 2	S. W. 4	S. W. 2	5	7	10		6th. Very blustering; the air full of dust.
6	29.37	29.46	29.68	50	54	40	48.0	W'ly 2	N. W. 4	N. W. 3	1	3	0		7th. Quite blustering. Evening very clear and still.
7	29.77	29.74	29.82	35	51	38	41.3	N. W. 2	N. W. 4	N. W. 1	0	0	0		8th and 9th. Very fine.
8	29.90	29.81	29.74	37	60	46	47.7	N. W. 2	S. W. 1	S. W. 1	1	0	0		10th. Thundershower at about 3 A. M.
S 9	29.62	29.56	29.51	47	66	55	56.0	S. W. 2	S. W. 2	S. W. 1	4	10	7		11th. Pleasant.
10	29.47	29.52	29.57	59	65	46	56.7	S. W'ly 1	W'ly 2	N. W. 2	10	8	5	0.30	12th. Very fine.
11	29.72	29.76	29.87	36	50	38	41.3	N. W. 2	N. W. 2	N. W. 2	5	5	3		13th. Pleasant. Sprinkling of rain at 6 P. M.
12	29.91	29.86	29.87	38	53	40	43.7	W by S. 2	S. W'ly 2	N. W. 1	1	8	0		14th. Very fine. Evening splendid.
13	29.85	29.74	29.73	38	58	50	48.7	N. W. 1	W'ly 3	S. W'ly 1	0	9	10		15th. Very fine. First white frost on the fences about the College yard. (Last year, the first was on the 17th.)
14	29.95	29.92	30.05	40	58	42	46.7	N. W. 1	N. W. 2	N. W. 2	0	0	0		16th to 19th. Very fine.
15	30.10	30.03	29.91	36	58	45	46.3	N. W. 1	S. W. 2	S. W. 1	0	0	0		20th. Very fine. Fog-bow about the moon at 11 P. M., very distinct.
S 16	29.97	29.96	30.00	46	66	50	54.0	N by W 2	N. E. 2	N'ly 1	0	0	0		21st. Pleasant. Mist in the evening.
17	30.01	29.94	29.90	41	64	47	50.2	N. W'ly 1	S. W. 2	S. W. 1	1	0	0		22d. Very warm and sultry, with occasional showers.
18	29.97	29.99	30.04	47	56	42	48.3	N'ly 1	N. E'ly 2	N. W. 1	2	3	0		23d. Cloudy in the morning. Pleasant in the afternoon and evening.
19	30.07	30.02	30.04	37	64	48	49.7	N. W. 1	N. W. 2	N. W. 1	0	0	0		24th. Rain in the afternoon: wind S. E., heavy. At 8 P. M., barometer 29.17 (not reduced); wind very heavy, and raining. At 9 P. M., bar. 29.13; wind slackened. At 10 P. M., bar. 29.10; wind much abated. At 11 P. M., bar. 29.09; wind moderate at S. W'ly.
20	30.03	29.99	29.95	42	67	50	53.0	N. W. 1	S. W. 2	S. W'ly 1	1	0	3		
21	29.94	29.88	29.84	46	68	61	58.3	S. W'ly 1	S. W'ly 2	S. W'ly 1	5	4	10		
22	29.74	29.62	29.61	63	64	60	62.3	S'ly 2	S'ly 2	S'ly 1	Rain	Rain	10	0.40	
S 23	29.61	29.57	29.72	61	68	54	61.0	S. W'ly 1	S. W'ly 1	W'ly 1	10	2	0		
24	29.73	29.58	28.99	47	47	57	50.3	N. E'ly 1	N. E. 2	S'ly 2	10	Rain	Rain	1.35	25th. Very blustering.
25	29.29	29.59	29.93	38	46	37	40.3	W by N. 4	W by N. 3	N. W. 2	2	2	3		26th. Air raw and chilly at S. W.
26	30.17	...	30.04	35	...	48	...	N. W. 1	...	S. W. 2	3	...	6		27th. Cloudy. Began to rain moderately from 7 to 8 P. M. Heavy rain during the night.
27	29.84	29.81	29.79	53	60	55	56.0	S. W. 3	S. W. 3	S. W. 1	10	10	Rain	} 2.10	28th. Moderate rain this morning. Cloudy in the afternoon. Mostly clear at 10 P. M.
28	29.48	29.55	29.84	51	53	44	49.3	N. E. 3	N. E. 2	N'ly 1	Rain	10	3		
29	30.02	30.03	30.18	34	49	37	40.0	N. W. 2	N. W. 2	N. W. 1	0	1	0		29th. Very fine.
S 30	30.29	30.16	30.11	32	44	38	38.0	N. W. 1	N. E. 1	N. E. 2	2	10	10		30th. The first black frost on College Hill. The ground lightly frozen. Air raw and chilly, with indications of snow.
31	30.03	29.96	29.97	36	50	37	41.0	N'ly 1	N. W. 2	N. W. 1	5	0	0		31st. Very fine.
Means	29.82	29.77	29.80	43.3	58.0	47.0	...	1.7	2.2	1.4	3.5	4.2	3.5	4.15	
								1.8			3.7				
REDUCED TO SEA LEVEL.															
Max.	30.47	30.34	30.36	63	68	61	62.3								
Min.	29.47	29.64	29.17	32	44	37	38.0								
Mean	30.00	29.95	29.98												
Range	1.00	0.70	1.19	31	24	24	24.3								
Mean of month			29.977	...	...	...	49.4								
Extreme range			1.30	...	...	...	36.0								

Prevailing winds from some point between—	Days.
N. & E.	6
E. & S.	0
S. & W.	15
W. & N.	10

	Days.
Clear	15
Variable, Cloudy	9
Rain fell on	7

November, 1853. New Moon, 1d. 3h. 31m. A. M., and 30d. 2h. 5m. P. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.95	29.87	29.88	33	55	41	43.0	S. W. 1	S. W. 2	S. W. 2	1	0	0		1st and 2d. Very fine.
2	29.90	29.84	29.86	40	57	43	46.7	S. W. 2	S. W. 2	S. W. 2	0	1	2		3d. Appearance of storm in the evening.
3	29.90	29.88	29.96	43	64	49	52.0	S. W. 2	S. W. 2	N'ly 2	2	10	10		4th. Very fine.
4	30.11	30.07	30.20	34	48	34	38.7	N. W. 2	N. W. 2	N. W. 2	2	0	0		5th. Pleasant.
5	30.28	30.23	30.15	30	45	36	37.0	N. W. 2	S. W. 2	S. W. 2	0	10	10		6th. Sprinkling at 9 A. M. Afternoon and evening fine.
S 6	30.00	29.98	30.14	40	45	32	39.0	S. W. 2	N. W. 3	N. W. 2	10	0	0		7th. Pleasant.
7	30.27	30.31	30.47	27	40	26	31.0	N. W. 1	N. W. 2	N. W. 2	0	1	3		8th. Raw and cold in the morning. Began to rain from 10 A. M. to noon, with the wind cold at E'ly. Wind hauled to S'ly in the afternoon, with moderate rain and rise of temperature.
8	30.45	30.24	29.85	26	38	51	38.3	N. W. 2	E'ly 2	S'ly 1	10	Rain	Rain		
9	29.56	29.38	29.47	56	61	37	51.3	S. W. 4	S. W. 4	W'ly 3	10	Rain	10	1.40	9th. Heavy rains in afternoon. Clouds broken at 11 P. M.; wind S'ly.
10	29.79	...	30.31	33	...	29	...	N. W'ly 3	...	N. W. 2	5	...	0		10th. Very pleasant.
11	30.48	30.48	30.46	25	46	41	37.3	N. W. 2	S. E. 2	S'ly	0	9	10		11th. Very pleasant. Fog-bow around the moon in the evening.
12	30.40	30.28	30.03	42	59	55	52.0	S'ly 1	S'ly 1	S. E'ly 1	10	10	10		12th. Mild for the season.
S 13	29.79	29.49	29.23	55	60	58	57.7	S. E. 2	S. E. 3	E'ly 1	10	Rain	Rain	2.50	13th. Heavy rain in the afternoon; wind strong S. E'ly.
14	29.15	29.25	29.54	48	54	39	47.0	N. W. 4	N. W. 4	N. W. 2	9	0	0		14th. Very blustering.
15	29.61	29.68	29.96	40	55	43	46.0	W. by S. 2	S. W'ly 2	N. W. 1	0	1	5		15th. Pleasant.
16	30.12	30.21	30.33	42	46	36	41.3	N'ly 1	N. E. 1	N. E. 1	5	10	Hazy		16th. Mild, with indications of storm.
17	30.37	30.35	30.18	39	45	45	43.0	N. E. 2	E'ly 2	E'ly 2	10	10	Rain	0.15	17th. Clouds; sprinkling of rain in the evening.
18	30.15	30.14	30.11	41	45	43	43.0	N'ly 2	N'ly 2	N. W. 2	Misty	10	10		18th. Morning misty.
19	30.09	30.01	29.99	44	60	47	50.3	S. W'ly 1	S'ly 2	S'ly 1	10	2	Foggy		19th. Pleasant.
S 20	29.93	29.85	29.90	50	70	46	55.3	S. W'ly 2	S. W'ly 1	N. E. 2	3	8	10		20th. Very mild and warm for the season.
21	29.91	29.89	29.97	44	44	42	43.3	N. E. 1	N'ly 1	N'ly 1	Rain	Misty	Misty	0.25	21st. Occasional light rain with mist.
22	29.97	29.88	29.81	41	53	51	48.3	N'ly 1	S'ly 1	W. 2	10	10	10		22d. Cloudy and rain.
23	29.80	29.74	29.75	50	61	51	54.0	Calm	W. 1	S. W'ly 1	10	2	10		23d. Very mild.
24	29.57	29.69	30.12	52	42	21	38.3	S. W. 2	N. W. 3	N. W. 3	9	10	0	0.10	24th. At 7 A. M., wind light S. W., and very warm. From 11 A. M. to noon, wind came to N. W., with brisk dashes of rain and rapid fall of thermometer. Evening very cold.
25	30.28	30.34	30.29	15	27	20	20.7	N. W. 2	N. W. 2	N. W. 1	0	0	0		25th. Cold, but pleasant.
26	30.23	30.14	30.19	22	40	30	30.7	N. W. 1	S. W. 2	N. W'ly 1	5	3	0		26th. Pleasant.
S 27	30.36	30.41	30.50	25	35	28	29.3	N'ly 2	N. E. 3	N. E. 2	0	0	0		27th. Air very raw and snowy.
28	30.51	30.46	30.40	26	35	34	31.7	N. E. 1	N. E. 2	N. E. 2	10	10	10		28th. Appearance of snow-storm.
29	30.34	30.22	30.07	37	49	44	43.3	S. E'ly 1	S. E'ly 1	S'ly 1	9	10	10		29th. Cloudy and mild.
30	29.83	29.71	29.75	47	63	41	50.3	S'ly 1	S. W'ly 2	N. W. 2	Foggy	8	10		30th. Mild and pleasant.
Means	30.04	30.00	30.03	38.2	49.7	39.8	...	1.8	2.0	1.7	5.9	5.8	6.1	4.40	
								1.8			5.9				
REDUCED TO SEA LEVEL.															
Max.	30.69	30.66	30.68	55	70	58	55.3								
Min.	29.33	29.43	29.41	15	27	20	20.7								
Mean	30.22	30.18	30.21												
Range	1.36	1.23	1.27	40	43	38	34.6								
Mean of month			30.203	...	...	...	42.6								
Extreme range			1.36	...	...	...	55.0								

Prevailing winds from some point between—	Days.
N. & E.	5
E. & S.	5
S. & W.	10
W. & N.	10

	Days.
Clear	7
Variable, Cloudy	17
Rain fell on	6

DAYS.	BAROMETER, REDUCED TO 32° F.			THERMOMETER.				WINDS. (DIRECTION AND FORCE.)			WEATHER. (TENTHS CLOUDY.)			RAIN AND SNOW IN INCHES OF WATER	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
December, 1853. NEW MOON, 30d. 0h. 58m. A. M.															
1	29.74	29.68	29.78	37	40	33	36.7	W'ly 2	N. E. 2	N. E. 2	10	10	10		1st. Cool; appearances of storm in afternoon.
2	29.83	29.80	29.84	31	38	30	33.0	N. E. 2	N. E. 2	N'ly 2	10	9	8		2d. Air raw and cold.
3	29.79	29.77	29.76	27	35	35	32.3	N'ly 2	N'ly 2	W'ly 3	10	10	10		3d. Cloudy; appearances of storm and squalls.
S 4	29.97	29.96	30.03	20	27	20	22.3	N. W. 2	N. W. 3	N. W. 1	0	0	0		4th. Cold, but pleasant. Evening still and clear.
5	30.11	30.07	30.13	15	28	20	21.0	N. W. 1	N. W. 2	N. W. 1	3	10	2		5th. Snow-squalls from noon to 1 P. M. Evening clear and cold.
6	30.10	29.72	29.60	24	45	44	37.7	W'ly 1	S. E'ly 3	N. W. 3	9	9	2		6th. Very blustering in the afternoon; wind S. W'ly; dashes of rain.
7	29.77	29.83	29.95	33	41	25	33.0	N. W. 2	N. W. 2	N. W. 2	2	4	0		7th and 8th. Very fine.
8	29.99	29.96	29.96	18	35	25	26.0	N. W. 2	N. W. 2	N. W. 1	1	0	0		9th. Very fine. Light fog-bow around moon.
9	29.94	29.91	29.86	21	40	29	30.0	N. W. 1	N. W. 2	N. W. 1	0	1	3		10th. Fine. Evening splendid.
10	29.79	29.74	29.76	25	46	32	34.3	N. W. 2	N. W. 2	N. E. 1	5	0	0		11th. Very pleasant. Thick haze in evening.
S 11	29.81	29.77	29.80	29	42	34	35.0	N. E. 1	N. E. 2	N. E. 2	0	0	10		12th. Wind N. E'ly, with cold mist.
12	29.83	29.83	29.86	34	33	32	33.0	N. E. 2	N. E. 2	N. E'ly 2	10	Misty	Misty		13th. Cloudy morning. Clear evening.
13	29.86	...	29.94	31	...	28	29.5	N. E. 2	...	N'ly 1	10	...	0		14th. Pleasant.
14	29.98	29.94	29.90	27	38	29	31.3	N'ly 2	N'ly 2	N'ly 2	7	8	2		15th. Very fine and mild. Evening splendid.
15	29.93	29.80	29.82	28	41	28	32.3	N. W. 2	N. W. 1	N'ly 1	2	0	0		16th. Pleasant.
16	29.82	29.83	29.72	24	41	34	33.0	N. W. 2	N. W. 1	S. W. 1	Foggy	5	10		17th. Foggy through day. Light rain in evening.
17	29.60	29.44	29.05	36	44	44	41.3	S'ly 1	S. W. 1	S. W. 1	Foggy	Foggy	Rain	0.55	18th. Very mild morning; mostly clear from 9 to 11 A. M.; wind S. W'ly. Rain squall at ½ P. M.; wind came to N. W., and grew cold very fast. Evening clear and cold.
S 18	28.87	28.89	29.33	48	42	25	38.3	S. W. 1	W'ly 2	N. W. 3	8	8	0		19th and 20th. Cold, but fine.
19	29.64	29.65	29.75	16	27	18	20.3	N. W. 1	W'ly 2	N. W. 2	0	0	2		21st. Wind S W., and air very chilly.
20	29.91	29.98	30.12	14	22	15	17.0	N. W. 2	N. W. 3	N. W. 1	2	0	0		22d. Mostly cloudy.
21	30.16	30.11	30.08	18	29	24	23.7	S. W'ly 1	S. W. 2	S. W. 2	6	10	10		23d. Rainy day. In evening, the wind hauled from S. W. to N. W'ly, the thermometer fell, and the rain turned to snow—being the first of the season to whiten the ground.
22	30.01	29.96	29.96	22	36	28	28.7	S. W. 2	S. W. 2	S. W. 1	5	10	5		24th. The ground dusted over with snow this morning. Blustering through the day.
23	29.63	29.28	29.01	31	44	30	35.0	S. W. 1	S. E'ly 2	N. W'ly 3	10	Rain	Snow	0.85	25th. Pleasant.
24	29.35	29.44	29.54	19	26	23	22.7	N. W. 3	N. W. 3	N. W. 1	0	0	10		26th. Light snow in the morning. Clear and pleasant at 10 P. M.
S 25	29.59	29.61	29.67	21	25	29	25.0	N. W. 2	N. W. 2	N'ly 1	1	2	3		27th. Ground covered with snow from one to two inches deep this morning.
26	29.45	29.17	29.05	25	35	25	28.3	S. W'ly 1	N. E. 2	N. W. 2	6	10	0		28th. Pleasant through the day. Appearances of storm in the evening.
27	29.14	29.28	29.50	28	27	16	23.7	N. W. 4	N. W. 3	N. W. 2	10	0	0		
28	29.60	29.54	29.44	14	36	30	26.7	N. W. 2	N. W. 2	N. E. 2	0	4	10		
29	28.91	28.83	29.31	21	18	4	14.3	N. E. 4	N. E. 3	N. W. 3	Snow	Snow	0	} 2.50	29th. Great snow-storm, surpassing, in quantity of snow, violence of wind, and severity of cold, any we have had for many years. Snow badly drifted, and probably equal to sixteen or eighteen inches on the level. The barometer reached an extremely low point, standing, at 1 P. M., at 28.90 (not corrected); before 2 P. M., it began to rise. At 11 P. M., the weather clear and cold, the wind heavy at N. W., and the air perfectly thick with blowing snow. The storm commenced about midnight, and continued with violence to near sunset.
30	29.59	29.58	29.51	6	20	17	14.3	N. W. 2	N. W'ly 1	W'ly 1	0	10	Snow		30th. Clear and cold in the morning. Began to snow again at 6 P. M.
31	29.51	29.56	29.73	21	30	26	25.7	W'ly 1	S. W. 1	S. W. 1	10	8	10		31st. From three to four inches of fresh snow on the ground this morning.
Means	29.72	29.66	29.70	24.6	34.4	26.8	...	1.8	2.0	1.7	5.6	5.6	4.7	3.90	
								1.8			5.3				
REDUCED TO SEA LEVEL.															
Max.	30.34	30.29	30.31	48	46	44	41.3								
Min.	29.05	29.01	29.19	6	18	4	14.3								
Mean	29.90	29.84	29.88												
Range	1.29	1.28	1.12	42	28	40	27.0								
Mean of month	29.873			...	...	...	28.6								
Extreme range	1.35			...	...	...	44.0								

Prevailing winds from some point between— Days.
N. & E. 7
E. & S. 0
S. & W. 5
W. & N. 19

Days.
Clear 10
Variable . . . } 13
Cloudy . . . }
Rain or snow fell on 8

	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.		
January, 1854. NEW MOON, 28d. 0h. 4m. P. M.															
S 1	29.60	29.53	29.64	31	34	26	30.3	N. E'ly 1	N. W'ly 1	N. W'ly 1	Snow	10	0	0.25	1st. Snow in the morning; about five inches added to the previous quantity, making, probably, two feet on the level. Evening clear.
2	29.76	...	30.09	20	...	17	...	W. 1	...	N. W.	0	...	0		2d. Very pleasant in the morning. Flurry of snow at 5 P. M. Evening clear, with aurora of considerable brightness, but without streamers.
3	30.27	30.18	30.04	9	27	33	23.0	W'ly 1	S. W'ly 2	S. W'ly 1	3	3	4		3d Very pleasant.
4	29.97	29.89	29.89	33	45	40	39.3	S. W. 1	S. W. 1	S. W. 1	4	3	2		4th. Remarkably mild for the season.
5	29.96	29.96	29.85	33	43	38	38.0	S. W. 1	S. W. 1	S. W. 1	5	5	10		5th. Very mild.
6	29.66	29.61	29.90	39	43	23	34.7	S'ly 1	N. W. 2	N. W. 3	Foggy	10	5		6th. Pleasant in the morning; wind at S. W. Evening blustering, with wind at N. W.
7	30.13	30.06	29.94	12	22	17	17.0	N. W. 2	W. by S. 2	N. W. 2	0	0	0		7th. Very fine. 8th. Overcast.
S 8	29.80	29.64	29.66	18	27	20	21.7	N. W. 1	N. W'ly 1	N. W. 2	10	9	9		9th. Cold, but fine.
9	29.79	29.88	30.00	9	17	14	13.3	N. W. 2	N. W. 2	N. W. 2	0	0	2		10th. Mild; wind light S. W'ly.
10	30.09	29.97	29.97	16	37	35	29.3	N. W. 2	S. W. 2	S. W. 1	10	10	5		11th. Pleasant. Indications of a storm in the afternoon.
11	30.07	...	30.00	18	...	24	...	N. W. 1	...	N. E. 2	5	...	Misty		12th. Thick fog and mist in the morning. Rain in the afternoon. Clouds broken at 10 P. M.
12	29.65	29.46	29.25	40	53	52	48.3	S'ly 1	S. W. 2	S. W. 3	Foggy	Rain	8	0.75	13th. Very mild. The great snow of the 29th of December is nearly all gone.
13	29.31	29.35	29.26	38	46	40	41.3	S. W. 1	S. W. 2	S. W. 1	5	3	10		14th. Very blustering.
14	29.38	29.50	29.82	34	33	27	31.3	N. W. 3	N. W. 4	N. W. 2	3	4	5		15th. Very fine in the morning Air raw in the afternoon; wind N. W'ly. Thick haze overhead at 10 P. M., with appearances of storm.
S 15	30.03	30.03	30.02	23	31	29	27.7	N. W. 1	N'ly 2	N. E. 1	1	2	Hazy		16th. Ground dusted over with fresh snow this morning. Sprinkling of rain in the afternoon.
16	29.78	29.75	29.64	32	41	39	37.3	N. E. 2	S'ly 1	S. W. 1	10	10	10		17th. Snowed moderately from 8 to 9 A. M., the snow melting as it fell.
17	29.80	29.81	30.01	38	37	30	35.0	N. W'ly 1	N'ly 2	N. W. 1	10	10	2		18th. Began to snow moderately from 11 A. M. to noon, and continued through day and evening.
18	30.09	30.06	30.05	23	26	20	23.0	N. W. 2	N. E. 2	N. E. 2	3	Snow	Snow		19th. About an inch of fresh snow on the ground this morning.
19	30.16	30.10	30.04	17	31	28	25.3	N. W. 2	N. W. 1	N. W. 1	3	10	5		20th. Light rain this morning, about two inches of snow having fallen during the night. Mist through the day.
20	29.69	29.51	29.42	32	34	26	30.7	N. E. 1	N. E. 1	N'ly 1	Rain	Misty	10	0.30	21st. Very mild in the morning; wind S. W'ly, and cloudy. From 3 to 5 P. M., the wind came to N. W., and the thermometer fell rapidly. Evening clear, blustering, and cold.
21	29.26	29.20	29.67	40	47	18	35.0	S'ly	S. W'ly 2	N. W. 3	Foggy	10	0		22d. Cold, but clear and fine. Evening very splendid.
S 22	30.10	30.14	30.19	14	21	15	16.7	N. W'ly 2	N. W'ly 2	N. W. 1	0	0	0		23d. Very cold and blustering, with occasional flurries of snow.
23	29.90	29.91	30.25	17	22	10	16.3	N'ly 2	N. W. 3	N. W. 2	9	2	0		24th. Pleasant.
24	30.23	30.00	30.10	6	24	16	15.3	S. W'ly 2	S. W. 3	S. W. 2	0	1	0		25th. Very cold; wind brisk at N. W.
25	30.35	30.45	30.37	6	9	8	7.7	N. W. 2	N. W'ly 2	N'ly 1	0	0	5		26th. Snowing at sunrise, which ceased from 8 to 9 A. M. About three inches of damp snow.
26	29.84	29.58	29.53	17	35	37	29.7	N. E. 2	Calm	S. W'ly 1	Snow	10	10	0.25	27th. Very mild. 28th. Very cold.
27	29.60	29.56	29.68	35	35	24	31.3	N. W. 1	N. W. 2	N. W. 3	10	9	5		29th. Cold extreme: wind light N. W. Ther. at sunrise 6° below zero, being 2° lower than at any time since Jan. 24, 1839, when it stood —8°.
28	29.96	30.08	30.34	14	14	3	10.3	N. W. 2	N. by W. 3	N. W. 2	0	0	0		30th. Mild. Began to snow gently at 6 P. M.
S 29	30.47	30.42	30.45	—6	9	2½	1.8	N. W. 1	N. W. 2	N. W. 1	0	0	0		31st. From two to three inches of fresh fallen snow on the ground this morning.
30	30.39	30.21	29.93	2	22	23	15.7	N. W. 1	N. W'ly 1	N. E. 1	10	10	Snow	0.25	
31	29.66	29.51	29.39	26	40	34	33.3	N. E. 1	S. W. 2	S. W. 2	10	5	10		
Means	29.90	29.84	29.89	23.1	31.2	24.8	...	1.5	1.8	1.6	5.5	5.7	5.1	1.80	
								1.6			5.5				
REDUCED TO SEA LEVEL.															
Max.	30.65	30.63	30.63	40	53	52	48.3								
Min.	29.44	29.38	29.43	—6	9	2½	1.8								
Mean	30.08	30.02	30.07												
Range	1.21	1.25	1.20	46	44	49½	46.5								
Mean of month	30.057			...	...	...	26.4								
Extreme range	1.27			...	...	...	59.0								

Prevailing winds from some point between— Days.
N. & E. 3
E. & S. 0
S. & W. 11
W. & N. 17

Days.
Clear 8
Variable . . . } 13
Cloudy . . . }
Rain or snow fell on 10

February, 1854. New Moon, 26d. 11h. 31m. P. M.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 2 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 2 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 2 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.39	29.29	29.34	34	49	40	41.0	S. W. 1	S. W. 1	S. W. 1	1	7	0		1st and 2d. Pleasant.
2	29.41	29.38	29.48	37	48	34	39.7	S. W. 1	S'ly 1	N'ly 1	10	5	10		3d. Began to snow moderately from 7 to 8 A. M. Clouds broken in the afternoon. Evening very clear and cold. Snow one or two inches deep.
3	29.64	29.72	29.85	19	14	6	13.0	N. E. 2	N. E. 2	N. W. 2	10	Snow	0		4th. Clear and cold.
4	29.98	30.03	30.14	2	14	6	7.3	N. W. 1	N. W. 2	N. W. 1	0	0	0		5th. Began to snow from 6 to 7 P. M.
S 5	30.15	30.03	29.69	1	21	21	14.3	N. W. 1	S. W. 1	N. E. 2	0	Hazy	Snow	0.30	6th. Very cold, with piercing wind. Snow 6 or 7 inches deep, and much drifted.
6	29.84	30.03	30.22	14	16	6	12.0	N'ly 3	N. W. 3	N. W. 1	10	0	0		7th. Pleasant.
7	30.25	30.24	30.19	1	24	20	15.0	S. W. 1	S. E. 1	S. E. 1	0	1	10		8th. Morning cold, and snowing. Snow turned to rain in afternoon. Amount of snow and rain large.
8	30.04	29.74	29.29	25	36	42	34.3	N. E. 1	S. E. 1	S. E. 4	Snow	Rain	Rain	1.50	9th. Ground nearly bare of snow this morning.
9	29.18	29.44	29.48	42	40	36	39.3	N. W. 2	N. W. 2	S. W. 2	10	0	0		10th. Very fine.
10	29.56	29.54	29.85	33	39	21	31.0	N. W. 2	N. W. 3	N. W. 2	5	10	0		11th. Cold, but very fine.
11	30.03	30.07	30.18	13	18	11	14.0	N. W. 2	N. W. 3	N. W. 1	0	0	0		12th. Pleasant. Appearances of storm in the evening.
S 12	30.26	30.19	30.23	8	28	24	20.0	N. W. 2	N. W. 2	N. W. 1	0	2	10		13th. Began to hail moderately from noon to 1 P. M., which soon turned to rain.
13	30.20	30.00	29.83	27	33	34	31.3	S. E'ly 2	S. E. 2	S. E. 1	9	Hail	Rain		14th. Mild and cloudy. Mist in the evening.
14	29.83	29.81	29.82	34	41	34	36.3	N'ly 1	N. E'ly 1	N. E. 2	10	10	Misty	0.60	15th. Mist, with occasional sprinkling of rain.
15	29.74	...	29.66	35	36	35	35.3	N. E. 1	N. E. 1	N. E. 1	Misty	Misty	Misty		16th. Began to snow from 8 to 9 A. M., and continued till 3 P. M.; quantity small.
16	29.73	29.70	29.78	35	33	26	31.3	N. E'ly 1	N. W. 2	N. W. 1	10	Snow	2		17th. Very blustering at mid-day. Clear and fine in the evening.
17	29.99	29.99	30.09	20	31	19	23.3	N. W. 2	N. W. 3	N. W. 2	0	3	0		18th. Pleasant. At 10 P. M., haze, with stars visible.
18	30.04	29.87	29.73	18	35	35	29.3	S. W. 1	S. W. 2	S. W. 3	2	2	6		19th. Mild in the morning; overcast, and wind S'ly. In the afternoon, wind N. W., and cold. Evening very clear.
S 19	29.72	29.83	30.03	33	35	16	28.0	S. W. 2	N. W. 2	N. W. 2	8	4	0		20th. Mostly clear in morning. Clouds gathering in the afternoon. Began to snow from 9 to 10 P. M.
20	30.05	...	29.76	8	...	24	...	N. W. 2	...	N. E. 2	0	...	Snow		21st. Snowing at sunrise, and heavy wind at N. E. Snow ceased and clouds broken at 10 A. M. Snow much drifted; five or six inches on a level.
21	29.57	29.57	29.76	17	20	18	18.3	N. E. 4	N'ly 4	N. W. 2	Snow	9	0	0.45	22d. Pleasant.
22	29.81	29.65	29.50	17	43	36	32.0	S. W. 1	S. W. 2	S. W. 3	0	3	2		23d. Very variable; sunshine, clouds, cold, and violent snow-squalls. Evening clear.
23	29.43	29.45	29.88	20	17	12	16.3	N. W. 4	N. W. 4	N. W. 3	6	10	0		24th. Cold and raw in the morning.
24	30.00	29.95	30.01	11	26	26	21.0	W. 2	S. W. 2	S. W. 2	8	10	10		25th. Cold and raw. Appearances of storm in the evening.
25	30.32	30.44	30.47	13	17	16	15.3	N'ly 2	N. W. 2	E'ly 2	8	0	10		26th. Began to rain moderately from 9 to 10 A. M.; wind N. E. Wind soon hauled to E., and in the afternoon to S. E., with increased force and heavy rain.
S 26	30.19	29.88	29.30	24	40	47	37.0	N. E. 2	N. E. 2	S. W'ly 3	10	Rain	Rain	2.00	27th. Variable. Flurry of snow from 10 A. M. to noon. Evening clear. Aurora low in the north, but quite bright; no streamers.
27	29.31	29.67	30.15	39	35	22	32.0	S. W. 2	N. W. 1	N. W. 2	5	Snow	0		28th. Pleasant.
28	30.38	30.35	30.18	18	32	31	27.0	N. W. 2	N. W. 1	S. W. 2	10	1	10		
Means	29.86	29.84	29.85	21.4	30.4	24.9	...	1.7	1.8	1.9	5.8	5.8	5.0	4.85	
								1.8			5.5				
REDUCED TO SEA LEVEL.															
Max.	30.56	30.62	30.65	42	49	47	39.7								
Min.	29.36	29.47	29.47	1	14	6	7.3								
Mean	30.04	30.02	30.03												
Range	1.20	1.15	1.18	41	35	41	32.4								
Mean of month			30.030	...	...	...	25.6								
Extreme range			1.29	...	...	...	48.0								

Prevailing winds from some point between— Days.

N. & E.	6
E. & S.	3
S. & W.	6
W. & N.	13

	Days.
Clear	6
Variable	11
Cloudy	
Rain or snow fell on	11

March, 1854. New Moon, 28d. 11h. 43m. A. M.

	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.		
1	30.08	30.02	30.04	28	41	32	33.7	S. W. 2	N. W. 2	N. W. 1	1	2	0		1st. Very fine.
2	30.09	30.06	30.07	30	47	35	37.3	S. W. 2	S. W. 2	S'ly 1	0	2	10		2d. Very mild and pleasant.
3	29.89	29.59	29.73	35	36	33	34.7	S. E. 2	N. E. 2	N'ly 1	Rain	Rain	Misty	0.35	3d. Moderate rain in the morning. Cloudy in the afternoon and evening, with light mist.
4	29.77	29.65	29.55	33	41	36	36.7	N'ly 1	S. W. 1	S. W. 1	10	10	10		4th. Mild; air damp.
S 5	29.60	29.65	29.75	35	37	31	34.3	N. W. 1	N. W. 3	N. W. 2	6	2	1		5th. Pleasant. 6th. Very fine.
6	29.92	29.94	30.04	29	37	28	31.3	N. W. 1	N. W. 2	N. W. 1	0	2	0		7th. Mild and pleasant in the morning. Cloudy in the afternoon. Light rain in the evening.
7	30.01	29.77	29.67	25	43	37	33.0	S. W. 1	S. W. 2	S. W. 1	3	10	Rain		8th. Moderate rain and mist. Brief thundershower from 7 to 8 P. M.
8	29.54	29.35	29.38	35	37	33	35.0	N. E. 1	N. E. 2	N. W. 1	Misty	Rain	8	1.00	9th. Mild. Moderate rain in the evening.
9	29.63	29.71	29.77	34	46	36	38.7	N'ly 1	N. W. 1	S. W. 1	10	10	Rain		10th. Mist, with occasional light rain.
10	29.59	29.45	29.33	34	40	35	36.3	N. E. 2	N. E. 2	N'ly 1	Rain	Misty	Misty		11th. Very fine.
11	29.52	29.79	30.03	35	45	31	37.0	N. W. 2	N. W. 2	N. W. 1	2	0	0		12th. Very fine; evening splendid.
S 12	30.12	30.04	29.98	31	49	38	39.3	S. W. 1	S. W'ly 2	S. W'ly 2	0	0	0		13th. Warmest day since Nov. 30, '53; ther. 62°.
13	29.92	29.80	29.86	38	62	43	47.7	S. W. 2	S. W. 2	S. W. 2	0	4	6		14th. Pleasant in the morning. Air raw at N. E. in the afternoon.
14	29.87	29.70	29.70	40	50	35	41.7	N. E'ly 2	N. E. 2	N. E. 2	2	6	5		15th. Very mild. Frost out of the ground in open places.
15	29.75	29.69	29.51	30	55	41	42.0	N. W. 1	W'ly 1	S. W. 1	0	10	10		16th. Very fine. At 2½ P. M, ther. nearly 70°. a point above which it has not risen since Sept 20, 1853, when it stood at 77°. Light shower at 5 P. M. At 7 P. M., lightning in the S.W. and N.W. Mostly clear at 10 P. M.
16	29.24	29.08	29.18	41	68	52	53.7	S. W'ly 1	S. W. 1	N. W. 2	3	2	2		
17	29.38	29.38	28.88	37	51	43	43.7	N. W. 1	N. W. 2	S. W. 2	0	5	Rain		
18	29.13	29.27	29.66	24	29	21	24.7	N. W. 4	N. W. 5	N. W. 3	0	2	0		
S 19	29.89	29.82	29.79	17	29	24	23.3	N. W. 2	N. W. 3	N. W. 2	0	1	0		17th. Pleasant through the day. Brisk shower from 10 to 11 P. M., with barometer very low (28.97), and wind very blustering.
20	29.75	29.84	30.02	24	28	16	22.7	W by N. 2	N'ly 2	N. W. 2	2	10	0		
21	30.08	30.03	30.04	13	29	21	21.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		18th. Wind heavy during the last night, and extremely violent through the day; a perfect storm of wind.
22	30.04	29.91	29.71	16	36	31	27.7	S. W. 1	S. W. 2	S'ly 2	0	0	10		
23	29.48	29.27	29.17	32	41	36	36.3	N. E. 1	S. E. 2	W'ly 2	Misty	Rain	10	1.50	19th. Wind piercing and cold.
24	29.16	29.14	29.26	31	35	22	29.3	N. W. 2	N'ly 3	N. W. 4	1	2	0		20th. Snow-squalls in the morning. Evening clear and cold.
25	29.28	29.22	29.28	19	30	23	24.0	N. W. 3	N. W'ly 3	N. W. 2	3	5	0		21st. Pleasant, but cold.
S 26	29.30	29.30	29.43	20	33	25	26.0	N. W. 3	N. W. 3	N. W. 2	0	3	10		22d. More moderate. Air S'ly in afternoon, and very raw. Evening cloudy; appearances of storm.
27	29.51	29.54	29.70	23	33	21	25.7	N. W. 2	N. W. 2	N. W. 3	4	1	2		23d. One or two inches of snow on the ground this morning; wind N. E., which came to S. E., with rain before noon.
28	29.77	29.77	29.93	16	27	17	20.0	N. W. 2	N. W. 2	N. W. 2	0	10	1		
29	30.05	30.02	30.13	17	32	24	24.3	N. W. 2	N. W. 2	N. W. 2	0	0	0		24th. Pleasant in the morning. Evening cold and very blustering.
30	30.15	30.10	30.17	17	39	30	28.7	N. 2	S'ly 2	S'ly 1	2	10	10		25th. Very cold and blustering.
31	30.12	30.06	29.89	32	36	34	34.0	E'ly 2	E'ly 2	N. E'ly 1	10	10	Misty		26th. Cold, blustering, and most uncomfortable.
Means	29.73	29.68	29.70	28.1	40.1	31.1	...	1.8	2.1	1.7	3.2	5.1	5.0	2.85	27th. Very cold, blustering, and dusty. Aurora in the evening.
								1.9			4.4				28th. Very cold and uncomfortable. Aurora in the evening, with streamers.
REDUCED TO SEA LEVEL.															29th. Pleasant. At 7½ P. M., a brilliant comet was seen, low down, a little west of northwest.
Max.	30.33	30.28	30.35	41	68	52	47.7								30th. Pleasant in morning. Mist, with snowflakes, at 6 P. M. Aurora from 8 to 10 P. M. Comet concealed by the clouds.
Min.	29.31	29.32	29.35	13	27	16	20.0								31st. Sprinkling of rain and mist in the afternoon and evening.
Mean	29.91	29.86	29.88												
Range	1.02	0.96	1.00	28	41	36	27.7								
Mean of month			29.883	...	...	...	33.1								
Extreme range			1.04	...	...	...	55.0								

Prevailing winds from some point between— Days.

N. & E.	6
E. & S.	0
S. & W.	8
W. & N.	17

	Days.
Clear	10
Variable	11
Cloudy	
Rain or snow fell on	10

April, 1854. New Moon, 27d. 1h. 6m. A. M.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 2 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 2 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 2 P. M.	At 10 P. M.	Rain and Snow in Inches of Water	REMARKS.
1	29.54	29.45	29.53	39	52	36	42.3	S'ly 1	S. W. 2	N.W'ly 2	Rain	Misty	Rain	1.25	1st. Rain and mist through the day.
S 2	29.77	29.90	30.17	32	42	28	34.0	N. W. 2	N. W. 2	N. W. 2	0	6	0		2d. Pleasant. The comet very conspicuous this evening, notwithstanding a strong moonlight. Its motion is east and south.
3	30.39	30.38	30.34	22	40	28	30.0	N. W. 1	N. E. 2	S'ly 2	0	0	0		3d. Very fine. Comet again visible.
4	30.28	30.16	30.16	26	46	34	35.3	S. W. 1	S. W. 1	S. W. 1	0	10	3		4th, 5th, and 6th. Very fine.
5	30.10	30.04	29.92	32	50	37	39.7	S. W. 1	S. W. 2	S. W. 2	0	2	0		7th. Very fine, but the air full of dust.
6	29.84	29.64	29.50	38	63	52	51.0	S. W. 1	S'ly 1	S. W. 2	3	8	10		8th. Pleasant.
7	29.54	29.77	30.13	53	59	36	49.3	W. 1	N. W. 2	N. W. 2	1	0	0		9th. Cloudy, with appearances of storm.
8	30.26	...	29.89	32	...	40	...	N. W. 1	...	S'ly	2	...	6		10th. Light rain and mist.
S 9	29.78	29.75	29.70	46	56	38	46.7	S. E'ly 1	E'ly 1	N. E. 2	10	10	10		11th. Cloudy in the morning. Evening still and very clear. Comet not visible in the strong moonlight.
10	29.57	29.24	29.42	38	46	36	40.0	N. E. 2	N'ly 2	N. E'ly 2	Rain	10	Misty	0.40	
11	29.51	29.66	29.87	36	45	32	37.7	N.N.E. 2	N. W. 2	N. E. 1	10	6	0		12th. Pleasant. Evening very clear.
12	29.98	29.92	29.97	33	61	37	43.7	N.W'ly 1	S. E'ly 2	S. W. 1	10	5	0		13th. Pleasant.
13	29.91	29.88	30.11	38	65	38	47.0	S. W'ly 2	S. W. 2	N. E. 2	2	9	5		14th. Air very raw and uncomfortable.
14	30.28	30.25	30.13	28	43	34	35.0	N. E. 2	N. E. 2	E'ly 2	0	3	10		15th. The ground this morning covered with three or four inches of snow, and snowing fast. Ceased snowing at about 1 P. M. Snow from five to six inches deep on the level; rather damp and heavy.
15	29.95	29.80	29.72	27	35	32	31.3	N. E. 2	N. E'ly 2	N. E. 2	Snow	10	10	0.60	
S 16	29.82	29.87	29.84	32	39	33	34.7	N. E'ly 2	N. E. 3	N. E. 2	10	9	10		
17	29.80	29.52	29.52	31	32	33	32.0	N. E. 2	N. E. 4	N. E. 3	Snow	Snow	Misty	0.65	16th. Air raw and chilly. Icicles a foot long hung from the eaves of the houses at 5 P. M.
18	29.56	29.62	29.70	32	44	33	36.3	N. E. 2	N. N.E. 2	N. W. 1	Snow	10	0		17th. Driving snow and hail nearly all day. Nearly four inches on the level has fallen to-day; very damp and heavy.
19	29.76	29.67	29.63	34	55	43	44.0	N. W. 1	S. W. 2	S. W. 1	3	0	10		18th. Snow again during the night and this morning. Evening clear; wind N. W. The fields heavily covered with snow.
20	29.59	29.51	29.66	40	56	42	46.0	W'ly 1	N. W. 1	N. W. 1	1	2	0		
21	29.76	29.74	29.82	39	61	50	50.0	N. W. 2	N. W. 3	N. W. 1	0	4	0		
22	29.83	29.74	29.55	43	48	42	44.3	W'ly 1	S. W. 1	S. W. 1	3	Rain	10		
S 23	29.49	29.56	29.77	40	49	42	43.7	N. E. 2	N. E. 2	N. E'ly 1	Rain	7	0	1.00	19th. The snow has disappeared rapidly to-day, but the fields are still much covered. For the last five days, they have presented the appearance of midwinter.
24	29.74	29.79	29.68	38	59	46	47.7	N. W. 2	N. W. 2	S'ly 1	0	0	3		
25	29.64	29.64	29.69	47	68	48	54.3	N. W. 1	N. W. 2	S'ly	0	0	3		20th. Very fine. Snow still lingers in patches.
26	29.52	29.42	29.36	49	68	54	57.0	S. W. 1	S. W. 1	S'ly 1	10	8	Rain		21st. Very fine. Snow not entirely gone.
27	29.38	29.41	29.58	60	66	47	57.7	N'ly 2	S. E'ly 2	E'ly 1	5	2	Rain		22d. Rain began to fall between noon and 1 P. M., and continued till 9 P. M.
28	29.73	29.89	30.03	42	41	38	40.3	N. E. 2	N. E. 2	N. E. 3	Misty	Misty	Rain	2.50	
29	30.06	30.10	29.95	38	43	47	42.7	N. E. 2	N. E. 2	N. E. 1	Misty	10	10		23d. Moderate rain in the morning. Clear from 2 to 3 P. M.
S 30	29.86	29.78	29.72	55	57	49	53.7	S. E. 1	S. E. 2	S'ly 2	Rain	Rain	Rain		24th and 25th. Very fine.
Means	29.81	29.76	29.80	38.0	51.3	39.5	...	1.5	1.9	1.6	5.7	6.2	5.7	6.30	26th. Very mild. Light shower, with lightning, at 9 P. M.
									1.7			5.9			27th. Pleasant. Wind S. E'ly in the afternoon. Began to rain from 9 to 10 P. M.
REDUCED TO SEA LEVEL.															28th. Mist and rain.
Max.	30.57	30.56	30.52	60	68	54	57.7								29th. Mist and light rain.
Min.	29.56	29.42	29.54	22	32	28	30.0								30th. Copious rain throughout the day.
Mean	29.99	29.94	29.98												
Range	1.01	1.14	0.98	38	36	26	27.7								
Mean of month		29.970		...	...	...	42.9								
Extreme range		1.15		...	...	...	46.0								

Prevailing winds from some point between— Days.

	Days.
N. & E.	11
E. & S.	4
S. & W.	8
W. & N.	7

	Days.
Clear	7
Variable, Cloudy	11
Rain or snow fell on	12

May, 1854. New Moon, 26d. 3h. 40m. P. M.

	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.		
1	29.76	29.73	29.78	47	62	46	51.7	S. W. 2	S. W. 2	S. W. 1	0	2	0		1st. Very fine.
2	29.76	29.66	29.61	46	74	54	58.0	S. W. 2	S. W. 2	S. W. 1	0	5	10		2d. Very warm. Appearances of storm in the evening.
3	29.56	29.52	29.47	51	54	47	50.7	S. W. 2	S. E. 2	E'ly 2	10	Rain	Rain	1.25	3d. Moderate rain through the day and evening.
4	29.56	29.58	29.66	46	47	43	45.3	N. E. 2	N. E. 3	N. E. 2	10	Misty	Misty		4th. Rain and mist through the day.
5	29.51	29.53	29.40	45	62	52	53.0	N. E. 1	S. E'ly 2	S. W'ly 2	7	8	9	0.20	5th. Pleasant in the morning. Shower from 4 to 6 P. M.
6	29.50	29.41	29.47	43	49	31	41.0	N. W. 3	N. W. 3	N'ly 2	2	5	0		
S 7	29.46	29.30	29.46	32	57	44	44.3	N. W. 2	N. W. 3	N. W. 2	0	2	0		6th. Pleasant in the morning. Light flurry of snow at 5 P. M. and blustering.
8	29.56	29.54	29.65	41	59	48	49.3	N. W. 1	N. W. 2	N. W. 1	1	0	0		7th. The ground considerably frozen this morning, and ice formed to the thickness of half an inch in open vessels.
9	29.70	29.68	29.70	48	74	52	58.0	N. W. 1	W'ly 2	S. W. 1	0	2	10		
10	29.68	29.65	29.66	51	64	53	56.0	S. W. 2	S. W. 2	S. E'ly 2	2	10	Rain		8th. Very fine. Evening splendid.
11	29.67	29.74	29.86	54	62	54	56.7	S. W. 2	S. W. 2	S. W. 1	10	9	5		9th. Pleasant. Sprinkling of rain at 11 P. M.
12	29.94	29.96	30.07	54	69	52	58.3	S. W. 1	S. E'ly 2	S'ly 1	Foggy	5	Hazy		10th. Shower from 3 to 4 P. M. Sprinkling in the evening.
13	30.16	30.18	30.19	54	73	56	61.0	S. E'ly 1	S. E'ly 2	S. E'ly 1	Foggy	3	3		11th. Cloudy in the morning. Clouds broken in the afternoon.
S 14	30.18	30.08	29.96	62	66	58	62.0	S'ly 2	S'ly 2	S'ly 2	Sprinl'g	Rain	Rain	1.40	12th. Pleasant.
15	29.82	29.73	29.76	60	74	64	66.0	S. 2	S'ly 2	S. W. 1	Rain	2	3		13th. Very fine.
16	29.81	29.78	29.87	68	78	57	67.7	S. W. 2	E'ly 1	E'ly 1	Foggy	2	0		14th. Copious shower in the afternoon.
17	29.94	29.95	29.86	57	66	58	60.3	S. E'ly 1	S. E. 2	S. E'ly 2	Foggy	10	Foggy		15th. Clouds cleared in the morning. Pleasant in the afternoon, and warm.
18	29.79	29.77	29.81	60	74	60	64.7	S. 2	S. W. 3	S. W. 2	Foggy	9	Rain	0.40	16th. Fine. Warmest day since Sept. 7, 1853. Thermometer 78°.
19	29.81	29.81	29.85	60	72	55	62.3	S. W. 1	S. W. 2	S. W. 1	10	1	0		17th. Cloudy; air damp and cool.
20	29.87	29.83	29.84	57	71	59	62.3	S. W. 1	S. E. 2	E'ly 1	Foggy	5	Foggy		18th. Heavy shower at 7½ P. M. and in evening.
S 21	29.89	29.88	29.86	60	74	59	64.3	N. W. 2	S'ly 2	S. W'ly 2	5	7	1		19th. Cleared in the morning. Afternoon and evening very fine.
22	29.93	29.93	29.97	60	75	60	65.0	N. W. 2	S. W. 3	N. W. 2	8	3	0		20th. Very fine.
23	30.05	30.03	30.05	52	61	52	55.0	N. W.	S. E. 2	S. E. 1	0	1	0		21st. Pleasant. Aurora in evening, not bright.
24	30.08	30.01	29.97	52	73	57	60.7	N. W. 1	S. E'ly 2	S'ly 1	0	0	0		22d. Very fine.
25	29.92	29.79	29.62	53	62	57	57.3	S. W. 2	S. W. 3	S. W. 2	7	Sprin'lg	Rain	0.35	23d. Fine. Air cool from S. E. in the afternoon and evening.
26	29.54	29.53	29.60	60	61	58	59.7	N. W. 1	N'ly 2	N'ly 3	9	Sprinl'g	10		
27	29.71	29.76	29.74	52	63	56	57.0	N. E. 3	N. E. 3	N. E. 1	10	10	0		24th. Very fine.
S 28	29.75	29.67	29.66	59	80	64	67.7	N'ly 2	W'ly 2	S'ly 1	2	3	2		25th. Cloudy in the morning. Moderate rain in the afternoon.
29	29.75	29.75	29.75	57	75	56	62.7	N. E. 2	E'ly 2	S'ly 1	10	3	3		26th. Dashing showers in the morning. Heavy passing clouds in afternoon, occasionally broken so as to show glimpses of the sun's disk, but not sufficient to afford any accurate observation of the eclipse, which, by computation, began in this place at 4 h. 26 m. 14 s. mean time P. M., and continued 2 h. 20 m. 53 s.
30	29.65	29.56	29.59	55	65	58	59.3	S. E'ly 1	S'ly 2	N. E. 2	10	10	10		
31	29.86	29.89	29.99	48	61	47	52.0	N. E. 3	E'ly 3	N. E. 1	6	4	0		27th. Mist in the morning. Evening clear.
Means	29.78	29.75	29.77	53.0	66.3	53.8	...	1.7	2.2	1.5	6.4	5.2	5.0	3.60	28th. Very pleasant. The warmest day of the season thus far. Thermometer 80°.
									1.8			5.5			29th. Pleasant.
REDUCED TO SEA LEVEL.															30th. Mist, and occasional sprinkling of rain.
Max.	30.36	30.36	30.37	68	80	64	67.7								31st. Cold for the season; wind brisk N. W.
Min.	29.64	29.48	29.58	32	47	31	41.0								
Mean	29.96	29.93	29.95												
Range	0.72	0.88	0.79	36	33	33	26.7								
Mean of month		29.947		...	...	...	57.7								
Extreme range		0.89		...	...	...	49.0								

Prevailing winds from some point between— Days.

	Days.
N. & E.	4
E. & S.	10
S. & W.	10
W. & N.	7

	Days.
Clear	7
Variable, Cloudy	13
Rain fell on	11

June, 1854. New Moon, 25d. 6h. 43m. A. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 2 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 2 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 2 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	30.01	30.00	30.00	46	69	50	55.0	N. E. 1	N. E'ly 2	N'ly 1	10	2	0		1st. Cool, but pleasant.
2	30.01	29.94	29.90	51	75	57	61.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		2d. Pleasant.
3	29.88	29.83	29.87	60	82	59	67.0	N. W. 1	S. W'ly 2	W'ly 1	0	4	0		3d. Warm and very fine.
S 4	29.89	29.82	29.79	57	77	61	65.0	S. E'ly 1	S. W'ly 3	S. W. 2	Foggy	0	0		4th. Very fine.
5	29.74	29.67	29.70	61	82	62	68.3	S. W. 2	S. W. 2	S. W. 1	0	0	0		5th. Very fine; streets dry. Vegetation begins to show want of rain.
6	29.74	29.75	29.77	64	82	63	69.7	S. W. 2	S. E. 2	S. E'ly 2	Foggy	0	Hazy		6th. Fine, with hot sun.
7	29.73	29.67	29.66	59	71	65	65.0	N. E. 2	S. E'ly 2	S. E'ly 1	Rain	10	10	} 1.40	7th. Fine showers early in the morning. Air damp, and occasional showers through the day.
8	29.58	29.37	29.49	65	72	65	67.3	N. E'ly 1	E'ly 2	S. W. 2	Rain	10	8		8th. Copious rain during the night, which continued till 9 A. M.
9	29.46	29.50	29.58	65	80	62	69.0	N. E. 2	S. W. 3	W. 2	10	4	0		9th. Rain during the night and up to 8 A. M.; afterwards pleasant. Evening perfectly clear.
10	29.60	29.74	29.74	60	69	62	63.7	W. 2	W'ly 3	S. W. 2	0	10	8		10th. Pleasant.
S 11	29.82	29.77	29.79	62	74	64	66.7	S. W. 1	S. W. 2	S. W. 1	9	10	10		11th. Clouds, but no rain.
12	29.75	29.68	29.64	62	71	62	65.0	S. W. 1	S. W. 2	S. W. 1	4	Shower	3		12th. Light showers in the afternoon. Mostly clear at 11 P. M.
13	29.63	29.61	29.58	62	73	65	66.7	S. W. 1	S. W. 1	S. W. 1	5	10	10		13th. Alternate clouds and hot sun
14	29.57	29.54	29.56	62	79	65	68.7	S. W. 2	S. W. 1	S. W. 2	1	10	10		14th. Hot sun from 7 to 10 A. M. Cloudy in the afternoon, with thunder, but no rain.
15	29.56	29.55	29.56	65	83	67	71.7	S. W. 2	W'ly 2	S'ly 1	5	3	10		15th. Very damp and sultry. Lightning in the evening and during the night.
16	29.59	29.71	29.89	65	75	56	65.3	N. W. 2	N. E. 3	N. E. 1	8	3	0		16th. Cool in the afternoon and evening.
17	29.98	29.95	29.94	55	72	59	62.0	N. E. 1	N. E. 2	N. E. 1	2	1	2		17th and 18th. Pleasant.
S 18	29.91	29.77	29.76	57	80	67	68.0	N. W. 1	S. E. 2	N'ly 2	3	1	0		19th. Thermometer 86° at 2 P. M. in the shade, with a current of air. Heavy gust and violent thunderstorm, with heavy rain and hail, from 5 to 6 P. M. The hail-stones were large, some of them being very nearly half an inch in diameter, much flattened, opaque at the centre, and transparent at the surface. The figure of several of the larger ones examined was that of a very flattened ellipsoid.
19	29.69	29.66	29.68	67	88	67	74.0	W'ly 1	W'ly 2	W'ly 1	2	5, Sh'r	0	1.75	
20	29.68	29.67	29.70	68	84	67	73.0	N. W. 1	N. E. 3	N. E. 1	3	5	0		
21	29.76	29.77	29.80	61	67	56	61.3	N. E'ly 2	N. E. 2	N. E. 2	10	10	10		
22	29.86	29.85	29.87	57	63	55	58.3	N. E. 2	N. E. 2	N. E. 2	10	10	10		
23	29.83	29.75	29.73	56	63	60	59.7	N. E. 3	N. E. 2	N. E. 1	Misty	10	10		
24	29.64	29.57	29.58	63	77	63	67.7	S'ly 2	S. W. 2	S. W. 1	10	5	2		
S 25	29.58	29.61	29.72	64	75	59	66.0	N. W. 2	N. W. 2	N. W. 1	0	7	0		
26	29.82	29.78	29.71	55	75	62	64.0	N'ly 2	S. E'ly 2	S'ly 2	9	8	6		20th. Pleasant, with hot sun.
27	29.79	29.74	29.79	64	79	60	67.7	S. W. 2	S'ly 1	Calm	7	7	0		21st. Air damp and raw. Cool for the season.
28	29.74	29.58	29.53	64	74	70	69.3	S'ly 1	S. 3	S.	10	0	0	0.20	22d. Cloudy, with occasional mist.
29	29.70	29.71	29.74	68	80	62	70.0	N. 2	S'ly 2	S'ly 2	0	6	8		23d. Very cool for the season.
30	29.68	29.63	29.61	64	63	62	63.0	S. W'ly 2	S. W'ly 1	S. E'ly 1	10	Rain	10	0.35	24th. Pleasant.
Means	29.74	29.71	29.72	61.0	75.1	61.5	...	1.7	2.2	1.4	5.9	5.7	4.9	3.60	25th. Very fine.
									1.8			5.5			26th. Pleasant.
REDUCED TO SEA LEVEL.															27th. Cool, but pleasant.
Max.	30.19	30.18	30.18	68	88	70	74.0								28th. Cool in the morning. Thundershower between 5 and 6 P. M. Evening air close and oppressive.
Min.	29.64	29.55	29.67	46	63	50	55.0								29th. Air raw in the afternoon, and S'ly in the evening.
Mean	29.92	29.89	29.90												30th. Light showers in the morning. Cloudy in the afternoon. Mostly clear at 11 P. M.
Range	0.55	0.63	0.51	22	25	20	19.0								
Mean of month			29.903	...	...	...	65.9								
Extreme range			0.64	...	...	...	42.0								

Prevailing winds from some point between—	Days.
N. & E.	8
E. & S.	3
S. & W.	15
W. & N.	4

	Days.
Clear	4
Variable / Cloudy	19
Rain fell on	7

July, 1854. New Moon, 24d. 10h. 8m. P. M.

	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.		
1	29.69	29.83	29.93	63	80	62	68.3	N. W. 2	N. W. 2	N. W. 1	0	2	0		1st and 2d. Very fine.
S 2	29.99	29.95	29.85	63	80	67	66.7	N. W. 1	S'ly 2	S. W. 2	3	2	7		3d. Intensely hot. Thermometer in the shade, and in a brisk current of air, stood at 88°; and in the shade, without the current of air, at 93°.
3	29.76	29.66	29.63	68	88	76	77.3	S. W. 2	S. W. 3	N. W. 1	2	2	0		
4	29.64	29.60	29.60	76	94	81	83.7	N. W. 1	S. W. 2	N. W. 1	1	2	8		4th. Intensely hot. Ther. in the shade, and in a fresh current of air from S. W., at 1 P. M., stood at 94°—the highest point since June 21, '53, when, under same circumstances, the ther. stood at 95°.
5	29.56	29.59	29.66	81	91	77	83.0	N. W. 2	N. W. 2	N. W. 1	6	2	3		
6	29.82	29.84	29.87	69	85	68	74.0	N. W. 1	N. W. 2	S. W. 2	0	2	2		
7	29.92	29.91	29.93	67	82	70	73.0	S. W. 2	S'ly 2	S'ly 1	3	4	7		5th. Very hot, but less oppressive than yesterday.
8	29.93	29.90	29.86	68	90	70	76.0	S. W. 1	S. W. 2	S. W. 2	2	5	2		
S 9	29.81	29.73	29.72	74	86	75	78.3	S. W. 2	S'ly 3	S. W'ly 1	10	8	8		6th. Very fine; warm, but not oppressive.
10	29.74	29.78	29.81	72	70	62	68.0	N'ly 2	N. E. 3	N. E. 1	9	10	0		7th. Very fine.
11	29.82	29.81	29.81	61	76	64	67.0	N. E. 2	N. E. 2	N. E'ly 1	7	8	5		8th. Hot sun during day. Evening pleasant.
12	29.83	29.84	29.87	62	70	64	65.3	E'ly 1	S. E. 1	S. E'ly 1	10	10	8		9th. Warm and sultry. Sprinkling of rain from 7 to 8 P. M.
13	29.99	30.01	30.02	62	78	62	67.3	N. E'ly 1	S. E'ly 2	E'ly 1	7	3	2		10th. Cloudy in the morning, with damp air at N. E. Sprinkling of rain at 8 A. M.
14	29.97	29.92	29.94	57	61	56	58.0	N. E. 1	N. E. 1	N. E. 1	Rain	Rain	Rain	1.65	11th. Pleasant.
15	29.92	29.89	29.89	56	67	59	60.7	N. E. 1	N. E'ly 1	N. E'ly 1	10	9	10		12th. Cloudy, with light sprinkling of rain at 8 A. M.
S 16	29.98	29.96	29.96	51	79	66	65.3	N. E. 1	E'ly 1	S. E'ly 1	Foggy	0	Foggy		13th. Very fine.
17	29.97	29.92	29.85	63	77	69	69.7	S. E'ly 1	S. E'ly 2	S. E'ly 1	Foggy	1	2		14th. Heavy rain all the morning. Cloudy in afternoon, with mist. Rain again in the evening.
18	29.78	29.73	29.74	68	85	71	74.7	N. E'ly 1	N. E'ly 1	E'ly 1	0	1	2		15th. Light clouds in morning. Clouds broken and sun out in the afternoon.
19	29.76	29.79	29.72	67	85	72	74.7	N'ly 1	N'ly 1	S. E'ly 1	2	0	0		16th. Fog in morning. Very fine during day.
20	29.68	29.66	29.71	74	84	71	76.3	S. E'ly 1	S. E'ly 1	E'ly 1	0	1	0		17th. Cloudy and fog in the morning. Cleared at 9 A. M.
21	29.73	29.73	29.81	73	86	74	77.7	S'ly 2	S. W. 3	W'ly 1	3	2	7		18th. Very pleasant, though very warm.
22	29.88	29.88	29.90	74	86	77	79.0	S. W. 1	S. W. 2	S. W. 1	5	7	5		19th. Warm, but not unpleasant.
S 23	29.91	29.89	29.89	76	87	74	79.0	S. W. 2	S. W. 3	S. W. 1	10	5	0		20th. Very warm.
24	29.93	29.92	29.93	77	85	74	78.7	S. W. 3	S. W'ly 3	S. W. 1	6	8	Rain	} 0.80	21st. Very hot at mid-day. Light thundershowers from 5 to 6 P. M.
25	29.84	29.81	29.80	74	79	74	75.7	S. W. 1	S. W. 3	S. W. 2	Rain	10	Misty		22d. Very warm; damp and sultry.
26	29.77	29.71	29.72	74	83	75	77.3	S. W. 2	S. W. 3	S. W. 1	10	5	10		23d. Extremely hot and sultry. At 8 A. M., dew-point 73°.
27	29.80	29.83	29.94	70	79	64	71.0	N. W. 1	N. W. 2	N. W. 1	Sprinl'g	5	0		24th. At 8 A. M., dew-point 71°. Sprinkling of rain from noon to 1 P. M. Fine shower from 10 to 11 P. M.
28	30.01	29.92	29.93	58	81	66	68.3	N. W. 1	S. W. 1	S. W. 1	0	0	0		
29	29.82	29.73	29.67	70	81	72	74.3	S. W. 2	S. W. 3	S. W. 2	10	8	0		
S 30	29.66	29.66	29.83	72	87	70	76.3	S. W. 2	N. W. 3	N. W. 1	5	0	0		25th. Heavy showers during the last night and this morning. At 10 A. M., ther. 80°; dew-point 75°. At 5 P. M., dew-point 71°.
31	29.86	29.86	29.86	63	82	68	71.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		
Means	29.83	29.81	29.83	67.8	81.4	69.4	...	1.5	2.1	1.1	5.5	4.3	4.1	2.45	26th. At 1 P. M, dew-point 74°. Sun out at mid-day, hot and very sultry.
									1.6			4.5			27th. Sprinkling of rain at 7 A.M.; dew-point 63°. At 5 P. M., dew-point 58°. Evening clear and cool.
REDUCED TO SEA LEVEL.															28th. Very fine; air dry and bracing. Dew-point fallen to 53°.
Max.	30.19	30.19	30.20	81	94	81	83.7								29th. Wind S. W'ly. At 6 A. M., dew-point 68°, and at 2 P. M., 69°. Evening fine.
Min.	29.74	29.77	29.78	51	61	56	58.0								30th. At 6 A. M., dew-point 67°; at 1 P. M., 58°; wind changed from S. W. to N. W. Evening fine.
Mean	30.01	29.99	30.01												31st. At 6 A. M., dew-point 56°. Day warm, but fine.
Range	0.45	0.42	0.42	30	33	25	25.7								
Mean of month			30.003	...	...	...	72.9								
Extreme range			0.46	...	...	...	43.0								

Prevailing winds from some point between—	Days.
N. & E.	9
E. & S.	4
S. & W.	13
W. & N.	5

	Days.
Clear	9
Variable / Cloudy	14
Rain fell on	8

August, 1854. New Moon, 23d. 0h. 52m. P. M.

DAYS.	BAROMETER, reduced to 32° F			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water.	REMARKS.
	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.		
1	29.84	...	29.66	66	...	73	...	N. W. 2	...	S. W. 3	5	...	8		1st. Pleasant in the morning. Cloudy at noon and in the evening.
2	29.57	29.53	29.64	76	87	79	81.0	S. W. 1	N.W'ly 1	N'ly 1	2	2	1	0.10	2d. Light thundershower at 4½ A. M. Day pleasant.
3	29.77	29.72	29.68	67	80	66	71.0	S. W'ly 2	W'ly 2	W'ly 1	0	0	2		3d. Very fine.
4	29.63	29.53	29.53	68	68	65	67.0	S. W. 2	S. W. 2	S. W. 2	Sprin'le	Rain	2	0.10	4th. Several light but refreshing showers.
5	29.68	...	29.61	65	...	65	...	S. W. 1	...	S. W. 1	5	...	Foggy		5th. Pleasant.
S 6	29.61	29.59	29.52	74	84	70	76.0	S. W. 1	S. W. 3	S. W. 3	1	5	9		6th. Pleasant. Sprinkling of rain from 7 to 8 P. M., with thunder.
7	29.65	29.70	29.78	66	76	64	68.7	N. W. 3	N. W. 2	N. W. 1	1	2	8		7th. Very fine. Sprinkling of rain at 7 P. M. Air in the morning very dry. At 2 P. M., dew-point 50°; thermometer 76°.
8	29.87	29.88	29.96	58	78	61	65.7	N. W. 1	N. W. 2	N. W. 1	0	2	2		8th. At 7 A. M., dew-point 51°. Day very fine and dry.
9	30.02	30.00	29.99	57	77	60	64.7	N. W. 1	N. E. 2	N. E'ly 1	0	2	0		9th. At 7 A. M., dew-point 49°. Day very fine.
10	29.99	29.95	29.94	58	75	64	65.7	N. E. 2	N. E. 2	N. E. 2	5	6	10		10th. At 7 A. M., dew-point 54°. Air damp in the evening, with some appearances of storm.
11	29.87	29.86	29.88	63	74	62	66.3	N. E. 2	N. E. 2	N. W. 1	10	10	2		11th. Cloudy in the morning, with light mist. Evening pleasant, and mostly clear.
12	29.89	29.87	29.75	66	80	69	71.7	S. W. 2	S. W. 2	S'ly 1	3	2	Misty		12th. Cloudy, with light mist in the afternoon and evening.
S 13	29.65	29.53	29.53	72	81	76	76.3	S. E'ly 1	S. E'ly 2	S. W'ly 3	Misty	6	3		13th. Cloudy in the morning. Pleasant in the afternoon and evening.
14	...	...	...	...	...	...	...	...	...	...	...	...	...		16th. Very fine.
15	...	...	...	...	...	...	...	...	...	...	...	...	...		17th. Overcast with light hazy clouds. Evening mostly clear.
16	...	...	29.75	...	...	64	...	...	...	S. W. 1	...	...	0		18th. Hazy round the horizon, with light clouds interspersed. Evening clear.
17	29.78	29.76	29.77	62	77	62	67.0	S. W. 1	S. W. 1	S. W. 1	8	10	2		19th. Very pleasant. At 7 A. M., dew-point 52°.
18	29.90	29.88	29.96	58	76	61	65.0	N. W. 1	S. W. 1	S. W. 1	0	2	0		20th. Pleasant. At 7 A. M, dew-point 62°; the ground extremely dry.
19	29.97	...	29.92	60	...	64	...	S. W. 1	...	S. W. 1	5	...	0		21st. Very warm.
S 20	29.86	29.73	29.74	65	79	62	68.7	S. W. 1	S. W. 3	S. W. 1	5	0	0		25th. Very hot; ground excessively dry, and air full of smoke.
21	29.94	29.92	29.85	63	80	63	68.7	N. W. 1	S. W'ly 2	S. W. 1	3	2	0		26th. Very warm and sultry in the morning. Light shower at noon, and gentle rain in the evening.
22	29.67	...	...	65	...	...	...	S. W. 2	...	...	2	...	...		27th. Mostly cloudy.
23	...	...	...	...	...	...	...	...	...	...	...	...	...		28th. Pleasant, but cool.
24	...	...	...	...	...	...	...	...	...	...	...	...	...		29th. Dew-point 49°. Very dry and very drying.
25	...	29.72	29.83	...	86	71	...	...	N. W. 2	N. W. 1	...	3	10		30th. Morning foggy. Mid-day and afternoon clear and pleasant.
26	29.85	29.76	29.70	61	79	63	67.7	N. W. 1	N. W. 1	N'ly 1	3	7	Rain	0.10	31st. At 7 A. M., dew-point 62°. Warm in the morning. Cool towards evening.
S 27	29.81	29.83	29.94	60	67	57	61.3	N. W. 2	N. W. 1	N. W. 1	10	10	7		
28	...	...	30.15	...	...	54	...	...	...	N. W.	...	...	0		
29	30.15	30.09	30.08	50	70	56	58.7	N. W. 1	N. W. 1	N. W. 1	0	0	0		
30	30.06	29.95	29.89	50	70	61	60.8	N'ly 1	S'ly 3	S. W. 1	Foggy	0	0		
31	29.87	29.85	29.94	64	80	65	69.7	S. W. 1	S. W. 1	E'ly 1	5	9	10		
Means	29.83	29.79	29.81	63.1	77.3	65.5	...	1.4	1.8	1.2	4.4	4.3	4.1	0.30	
									1.5			4.3			
REDUCED TO SEA LEVEL.															
Max.	30.33	30.27	30.33	74	87	79	81.0								
Min.	29.75	29.71	29.70	50	67	54	58.7								
Mean	30.01	29.97	29.99												
Range	0.58	0.56	0.63	24	20	25	22.3								
Mean of month			29.990	...	...	...	68.6								
Extreme range			0.63	...	...	...	37.0								

Prevailing winds from some point between— Days.

N. & E.	2
E. & S.	1
S. & W.	16
W. & N.	8

	Days.
Clear	8
Variable, Cloudy	14
Rain fell on	5

(4 days omitted.)

September, 1854. New Moon, 22d. 2h. 55m. A. M.

	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.		
1	30.03	30.02	30.00	62	63	58	61.0	N. E. 1	N. E. 1	N. E. 1	10	Rain	Rain		1st. Light showers through the day and evening, refreshing to the parched earth.
2	29.97	29.94	29.84	59	65	62	62.0	N. E. 2	N. E. 1	E'ly 1	Rain	10	Misty	0.65	2d. Appearances of rain during the day. Mist in the evening.
S 3	29.70	29.75	29.81	68	78	68	71.3	W'ly 1	S. W. 2	S. W.	10	0	Misty		3d. Rain last night. Day pleasant. Thick mist in the evening.
4	29.91	29.90	29.89	66	75	65	68.7	N. W. 2	W'ly 1	S. W. 1	0	0	Hazy		4th. Very fine.
5	29.88	29.78	29.80	65	82	73	73.3	S. W. 1	S. W. 2	S. W. 1	10	5	1		6th. Cloudy in the morning. Clear in the evening. Air warm and sultry.
6	29.80	29.69	29.77	75	88	72	78.3	S. W. 2	S. W. 2	W'ly 1	0	2	Rain	1.10	6th. Very hot during day. Sun partly covered by clouds. Thunder and rain from 8 to 9 P. M., which continued at intervals for several hours.
7	29.73	29.69	29.80	70	83	69	74.0	W'ly 2	W'ly 2	N. W. 1	10	5	0		7th. Cloudy in the morning. Fine in the afternoon and evening.
8	29.91	29.88	29.78	61	75	66	67.3	N. W. 1	N. W. 2	S. W. 1	0	2	10		8th. Very pleasant.
9	29.58	29.49	29.62	76	84	60	73.3	S. W. 3	S. W. 5	N. E. 2	10	10	Rain		9th. At 6 A. M., temperature 76°; dew-point 72°; wind S. W. Sultry in morning. Wind changed from S. W. to N. E., with showers, in the afternoon. Steady rain after 7 P. M.
S 10	29.71	29.70	29.69	54	52	51	52.3	N. 1	E. 3	N. E. 3	Rain	Rain	10	3.45	
11	29.86	29.87	29.89	48	63	51	54.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		10th. Steady rain all day and evening; quantity large.
12	29.81	29.75	29.77	58	67	63	62.7	S. W. 2	S. W. 3	N. W. 1	10	10	0		11th. Very fine.
13	29.96	30.04	30.09	60	65	49	58.0	N'ly 2	N. E. 2	N. E. 1	0	0	1		12th. Cloudy, with occasional mist through the day. Evening mostly clear.
14	30.11	30.03	29.85	49	67	61	59.0	N. E. 1	S. E'ly 1	S'ly 1	2	10	Sprin'le		13th. Cool and fine.
15	29.66	29.70	29.90	64	74	55	64.3	S'ly 1	N. W. 2	N. W. 2	Rain	5	0	0.45	14th. Cloudy in the afternoon. Sprinkling of rain in the evening.
16	30.03	30.02	30.09	49	63	50	67.3	N. W. 2	N. W. 2	N. W. 2	0	0	0		15th. Copious shower from 6 to 8 A. M. Afternoon and evening fine.
S 17	30.11	30.18	30.21	48	63	48	53.0	N. W. 1	N. W. 2	S. W. 1	0	0	0		16th. Cloudless day. Evening cool.
18	30.18	30.07	29.98	47	68	57	57.3	S. W. 1	S. W. 2	S. W. 1	0	3	5		17th and 18th. Very fine.
19	29.75	29.64	29.59	65	76	63	68.0	S. W. 2	S. W. 3	S. W. 1	Rain	3	10		19th. Pleasant.
20	29.53	29.60	29.88	61	67	48	58.7	N. W. 2	N. W. 3	N. W. 2	6, Sh'r	1	0	0.45	20th. Copious shower at 2 A. M., with thunder and a gust of wind
21	30.12	30.10	30.07	38	54	42	44.7	N. W. 1	N. W. 1	S. W. 2	0	5	2		21st. Very cool for the season. White frost in low places; the first in this vicinity.
22	30.29	30.29	30.31	37	59	46	47.3	S. W. 1	S. W. 1	S. W. 1	1	0	0		22d. White frost in low places. Day fine.
23	...	...	...	...	...	...	...	...	...	...	...	...	...		23d. Fine.
S 24	29.91	...	29.84	57	...	57	...	W'ly 1	...	S. W'ly 1	0	...	0		24th. Very fine.
25	29.83	29.80	29.85	56	73	57	62.0	S. W. 1	S. W. 2	S. W. 1	2	3	1		25th. Fine.
26	29.85	29.82	29.85	56	76	60	64.0	S. W. 1	S. W. 1	S. W. 1	2	0	0		26th. Very fine. Aurora in the evening, not very bright.
27	29.84	29.73	29.72	60	77	65	67.3	S. W. 1	S. W. 2	S. W. 1	6	3	2		27th. Very fine.
28	29.71	29.71	29.78	67	76	59	67.3	S. W. 1	N. E. 1	E'ly 1	7	7	0		28th. Very pleasant.
29	29.95	29.96	30.12	51	61	45	52.3	N'ly 1	N. E. 2	N. E. 1	1	2	0		29th. Pleasant. Very cool in the afternoon and evening.
30	30.21	30.08	30.08	37	55	45	45.7	N'ly 3	W'ly 1	N.W'ly 1	0	0	9		30th. Cool, but pleasant.
Means	29.89	29.87	29.89	57.4	69.4	57.4	...	1.5	1.9	1.3	4.4	3.6	4.0	6.10	
									1.6			4.0			
REDUCED TO SEA LEVEL.															
Max.	30.47	30.47	30.49	76	88	73	78.3								
Min.	29.71	29.67	29.77	37	52	42	44.7								
Mean	30.07	30.05	30.07												
Range	0.76	0.80	0.72	39	36	31	33.6								
Mean of month			30.063	...	...	...	61.4								
Extreme range			0.82	...	...	...	51.0								

Prevailing winds from some point between— Days.

N. & E.	6
E. & S.	1
S. & W.	13
W. & N.	10

	Days.
Clear	10
Variable, Cloudy	10
Rain fell on	9

(1 day omitted.)

October, 1854. New Moon, 21d. 4h. 16m. P. M.

DAYS.	BAROMETER, reduced to 32° F			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.		
S 1	29.98	29.75	29.49	41	63	60	54.7	S. W'ly 1	S. W. 2	S. W. 1	3	10	Rain	0.10	1st. Pleasant in the morning. Began to rain from 9 to 10 P. M.
2	29.44	29.56	29.66	64	64	48	58.7	S. W. 2	N. W. 3	N. W. 1	0	1	0		2d. Wind changed from S. W. to N. W. from 6 to 7 A. M., and grew cooler.
3	29.66	29.53	29.35	45	64	63	57.3	N. W. 1	S. E. 3	S. W. 3	3	10	Rain	0.40	3d. Light rain from 3 to 8 P. M.
4	29.37	29.44	29.66	64	61	50	58.3	S. W. 2	S. W. 2	N. W. 2	10	10	0		4th. Pleasant.
5	29.85	29.98	30.15	45	55	41	47.0	N. W. 2	N. W. 2	N. W. 1	0	5	0		5th. Pleasant. Evening cloudless and splendid.
6	30.27	30.24	30.15	38	64	52	51.3	N. W. 1	S. W. 2	S. W. 1	1	3	0		6th and 7th. Very fine.
7	30.12	29.97	29.95	52	73	59	61.3	S. W. 1	S. W. 2	S. W. 1	1	0	0		8th. Pleasant. Evening cloudy.
S 8	29.98	29.93	29.94	60	77	61	66.0	N. W. 1	S. W. 1	S. W. 1	5	10	0		9th. Pleasant.
9	29.86	29.67	29.64	60	76	65	67.0	S. W. 1	S. W. 2	S. W. 1	Foggy	5	8		10th. Pleasant. Evening splendid.
10	29.91	29.93	30.07	53	60	44	52.3	N. W. 2	N. E. 2	N. E. 2	7	0	0		11th. Pleasant.
11	30.05	29.94	29.88	47	65	60	57.3	N. E. 1	S'ly 3	S'ly 1	9	10	10		12th. Much overcast, with some appearance of storm in the evening.
12	29.84	29.74	29.67	60	75	66	67.0	S. W. 2	S'ly 3	S. W. 3	10	5	8		13th and 14th. Cloudy.
13	29.75	29.84	29.86	65	58	51	58.0	N'ly 2	N. E. 2	N. E. 2	10	10	8		15th Showery through the day. Steady and rather heavy rain in the evening.
14	29.82	...	...	51	65	56	57.3	N. E'ly 1	...	...	10	...	...		16th. Variable. Morning and evening cloudy. Sprinkling of rain at 10 P. M.
S 15	...	29.23	29.23	49	47	38	44.7	...	N. W. 2	N. E. 2	...	10	Rain	0.90	17th. Cloudy. Sprinkling of rain in the evening; wind N. E.
16	...	29.34	29.54	38	54	47	46.3	...	N. W. 3	S. W. 2	...	0	10		18th. Shower from 4 to 5 P. M. Evening clear, with aurora not very bright.
17	29.57	29.60	29.75	48	54	41	47.7	S. W. 2	S. W. 2	N. E. 2	7	10	Rain		19th. Air raw in the afternoon. Evening clear and cool.
18	29.88	29.77	29.74	34	53	38	41.7	N. W. 2	N. W. 2	N. W. 2	0	6	0		20th. First white frost in the College yard. Day fine.
19	30.00	30.06	30.20	35	45	36	38.7	N. W. 2	N. E. 2	N'ly 1	0	10	0		21st and 22d. Very fine.
20	30.28	30.29	30.27	33	51	38	40.7	N. W. 1	N. W. 2	N. W. 1	0	2	2		23d. Some indications of storm at 11 P. M.
21	30.26	30.21	30.22	34	54	40	42.7	N. W. 1	N. W. 1	N. W. 1	1	2	0		24th. Cloudy in the morning. Evening clear.
S 22	30.18	30.20	30.20	36	55	43	44.7	N. W. 1	N. W. 2	N. W. 1	2	0	0		25th. Very fine; nearly cloudless.
23	30.19	30.17	30.18	40	52	43	45.0	N. W. 2	N. E. 3	N. E. 2	0	0	7		26th. Very fine and mild.
24	30.17	30.12	30.13	43	53	41	45.7	N. E. 3	N. E. 3	N. E. 1	10	8	0		27th. Fine. Evening splendid.
25	30.15	30.13	30.18	40	63	47	50.0	N'ly 2	N. E. 1	N. E. 1	0	0	0		28th. Very fine through the day. Cloudy in the evening.
26	30.29	30.24	30.24	45	63	47	51.7	N. W. 1	S'ly 1	S'ly 1	0	0	0		29th. Mist, with occasional sprinkling of rain.
27	30.24	30.14	30.14	44	64	47	51.7	S. W. 1	S. E'ly 2	N'ly 1	6	1	0		30th. Very warm. Sprinkling of rain in the afternoon and evening.
28	30.16	...	30.11	44	...	54	...	N. W. 1	...	S. E. 1	6	...	5		31st. Rain in the morning. Clouds broken in the afternoon and evening.
S 29	...	...	29.96	...	...	61	...	...	...	S. E. 1	Foggy	Misty	Misty		
30	29.91	29.88	29.84	55	69	62	62.0	S'ly 1	S'ly 1	E'ly 1	10	Rain	Rain	} 0.50	
31	29.72	29.58	29.57	64	67	62	64.3	S. E'ly 1	S'ly 2	S. W. 2	Rain	10	10		
Means	29.96	29.87	29.90	47.6	60.8	50.4	...	1.5	2.1	1.4	4.8	5.4	4.3	1.90	
									1.7			4.8			
REDUCED TO SEA LEVEL.															
Max.	30.47	30.47	30.45	65	77	66	67.3								
Min.	29.55	29.41	29.41	33	45	36	38.7								
Mean	30.14	30.05	30.08												
Range	0.92	1.06	1.04	32	32	30	28.6								
Mean of month			30.030	...	...	...	52.9								
Extreme range			1.06	...	...	...	44.0								

Prevailing winds from some point between—	Days.
N. & E.	7
E. & S.	5
S. & W.	10
W. & N.	9

	Days.
Clear	12
Variable, Cloudy	10
Rain fell on	9

November, 1854. New Moon, 20d. 4h. 53m. A. M.

	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.		
1	29.56	29.51	29.56	54	70	53	59.0	S. W. 2	S. W. 2	N. W. 2	0	3	Shower	0.10	1st. Pleasant; very mild and warm for the season. Evening showery and cooler.
2	29.60	29.69	29.88	44	57	44	48.3	N. W. 2	N. W. 1	N. W. 2	0	...	4		2d. Pleasant.
3	29.85	29.81	29.98	51	62	46	53.0	S. W. 2	S. W. 2	S. W. 1	1	10	Rain		3d. Pleasant through the day. Sprinkling of rain in the evening.
4	30.05	30.06	30.20	35	43	26	34.7	N. W. 2	N. W. 2	N. W. 2	10	7	0		4th. Air raw and cold. Evening very cold.
S 5	30.33	30.26	30.24	18	31	23	24.0	N. W'ly 2	N. W. 2	N. W. 2	0	0	0		5th. Fresh dahlias and other flowers were gathered in abundance from the garden yesterday, having, to that time, suffered no injury from frost. This morning, the thermometer stood at 18°, with the ground hard frozen.
6	30.13	29.97	29.69	20	42	44	35.3	N. W. 1	S. E. 2	S'ly 2	0	5	9		6th. Ground frozen nearly three inches deep this morning.
7	29.42	29.26	29.30	47	51	37	45.0	S. E'ly 1	S. W'ly 2	N. W. 1	10	Sprin'le	0		7th. Sprinkling of rain in the morning. Evening very clear.
8	29.42	...	29.74	35	...	31	...	N. W. 1	...	N. W. 1	0	...	2		8th. Cool and pleasant.
9	29.90	29.89	30.04	29	44	34	35.7	N. W'ly 2	W'ly 3	W'ly 1	2	0	2		9th and 10th. Pleasant.
10	30.09	30.04	30.00	28	54	51	44.3	N. W. 1	S. W.	S. W. 1	0	2	3		11th. Rain in the afternoon.
11	29.89	29.77	...	54	56	...	...	S. W. 3	S. E. 3	...	10	Rain	...	} 6.00	12th. Rain all day.
S 12	...	...	...	...	...	...	...	S'ly 3	S'ly 2	S'ly 2	Rain	Rain	Rain		13th. Rain in the morning. Rain and mist in the evening, with fog.
13	...	29.51	29.55	...	64	58	...	...	S'ly 2	S'ly 1	Rain	Rain	Foggy		14th. Very fine.
14	29.65	29.62	29.59	45	48	35	42.7	N. W. 2	N. W. 2	N. W. 1	5	0	0		15th. Moderate rain and drizzle, mixed with some snow, began at 11 A. M. and continued.
15	29.50	29.44	29.34	33	41	35	36.3	S. W. 1	S. W.	N. E. 1	3	Rain	Rain	} 0.45	16th. Light rain and drizzle in the morning. Cloudy in the afternoon and evening.
16	29.30	29.26	29.31	35	39	37	37.0	N. E. 1	N'ly 2	N. W'ly 1	Rain	10	10		17th. Variable. Sprinkling of rain in evening.
17	29.33	29.32	29.32	35	44	45	41.3	N. W. 2	N. W. 2	S. W. 2	4	8	10		18th. Sprinkling of rain in morning. Cloudy in the afternoon. Light rain in the evening.
18	29.41	29.38	29.48	44	50	44	46.0	S. W. 1	S. W. 1	S. W. 1	10	10	Rain		19th. Pleasant.
S 19	29.44	29.40	29.48	39	44	37	40.0	N. W. 1	N. W. 1	N. W. 1	7	5	0		20th. Very fine.
20	29.64	29.59	29.71	30	38	27	31.7	N. W. 1	N. W. 2	N. W. 1	0	1	0		21st. Very pleasant.
21	29.83	29.80	29.91	27	41	33	33.7	N. W. 1	N. W. 1	N. W. 1	5	1	10		22d. Steady rain in the morning. Rain and mist in the afternoon.
22	29.80	29.56	29.64	35	43	36	38.0	N. E. 1	N. E. 1	N. E. 2	Rain	Rain	10	0.60	23d. Very fine.
23	29.77	29.69	29.70	31	44	33	36.0	N. W. 1	N. W. 1	N. W. 1	1	0	0		24th. Cloudy. Began to rain at 6 P. M.; heavy rain and violent wind during the evening and night.
24	29.62	29.60	29.41	38	66	56	53.3	N. W. 1	S'ly 1	S'ly	Foggy	10	Rain	} 1.10	25th. Rain in the morning. Pleasant in the afternoon.
25	29.05	29.11	...	56	61	...	...	S'ly 2	S. W. 2	...	Rain	5	...		26th. Very pleasant.
S 26	...	...	...	...	...	...	...	...	...	...	...	...	...		27th and 28th. Very fine.
27	...	...	29.87	...	...	27	...	...	...	N. W. 1	...	...	0		29th. Heavy rain.
28	29.93	29.94	29.93	26	42	28	32.0	N. W. 1	N. W. 1	W'ly 1	0	0	0		
29	29.78	...	...	34	...	...	...	N. E. 1	...	...	Rain	Rain	Rain	1.00	
30	...	...	...	...	...	...	...	...	...	...	...	...	...		
Means	29.69	29.64	29.70	36.9	47.0	38.3	...	1.5	1.7	1.3	5.0	5.7	4.4	9.15	
									1.5			5.0			
REDUCED TO SEA LEVEL.															
Max.	30.51	30.44	30.42	56	70	56	59.0								
Min.	29.23	29.29	29.48	18	31	23	24.0								
Mean	29.87	29.82	29.88												
Range	1.28	1.15	0.94	38	39	33	35.0								
Mean of month			29.859	...	...	...	40.7								
Extreme range			1.28	...	...	...	52.0								

Prevailing winds from some point between—	Days.
N. & E.	3
E. & S.	2
S. & W.	10
W. & N.	13

	Days.
Clear	8
Variable, Cloudy	6
Rain fell on	14

(2 days omitted.)

December, 1854. New Moon, 19d. 4h. 38m. P. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.		
1	...	29.65	29.62	...	31	26	...	...	N. W. 2	N. W. 1	...	0	10		1st. Cold, but pleasant.
2	29.64	29.69	29.89	27	33	20	26.7	N. W. 1	N. W. 2	N. W. 1	10	5	0		2d. Pleasant. Evening clear and cold.
S 3	29.84	29.49	28.93	20	29	36	28.3	N. W. 1	N. E. 2	E'ly 4	9	10	Rain	1.15	3d. Began to snow from 1 to 2 P. M. Heavy storm of wind and rain in the evening.
4	28.78	28.75	28.86	34	29	17	26.7	S. W. 2	W'ly 2	N. W. 3	3	10	0		4th. Air very raw. Evening cold.
5	28.99	29.11	29.23	13	17	16	15.3	W by N 3	W'ly 3	W'ly 2	2	1	10		5th. Wind high and the cold severe. Very thick haze at 10 P. M.
6	29.37	29.32	29.33	20	32	28	26.7	S. W. 2	S. W. 2	S. W. 1	1	5	10		6th. More moderate. Some indications of storm in the evening.
7	29.27	29.23	29.24	27	34	22	27.7	S. W. 1	S. W. 2	N. W. 2	10	5	3		7th. Pleasant in morning. Raw in afternoon. Flurry of snow at 6 P. M. Evening pleasant.
8	29.45	...	29.96	16	...	11	...	N. W. 2	...	N. W. 2	1	...	0		8th. Very cold in the evening.
9	30.23	30.29	30.31	10	26	19	18.3	N. W. 2	N. W. 2	N. W. 1	0	0	0		9th. Clear and cold, but not unpleasant.
S 10	30.20	30.09	30.00	27	48	46	40.3	S. W. 2	S. W. 2	S. W. 2	2	10	10		10th. Mild, with some appearances of storm.
11	29.74	29.67	29.77	34	38	28	33.3	N. W. 1	W'ly 2	N. W. 2	R'n, sn.	2	0		11th. Rain and snow in the morning. Mostly clear at 2 P. M., and mild.
12	29.84	29.84	29.90	26	34	17	25.7	N. W. 1	N. W. 2	N. W. 1	5	3	0		12th and 13th. Pleasant.
13	29.87	29.66	29.69	18	37	34	29.7	S. W. 2	S. W. 3	S. W. 1	3	0	0		14th. Pleasant in the morning. Sprinkling of rain in the afternoon.
14	29.73	29.74	29.79	34	47	37	39.3	S. W'ly 1	S. W'ly 2	W'ly 1	8	10	10		15th. Mild and pleasant in the morning. Began to rain moderately at 6 P. M.
15	29.74	29.68	29.44	31	45	41	39.0	S. W. 1	S. W. 2	N. E'ly 1	0	2	Rain		16th. Cloudy; air mild and soft.
16	...	...	29.56	...	...	32	...	...	...	N. W. 1	...	...	2		17th. Cloudy; air damp and raw. Snow in the evening.
S 17	29.83	29.68	29.70	24	29	28	27 0	N. W. 1	N. E'ly 1	N. E'ly 2	7	10	Snow		18th. Snow from one to two inches deep this morning. Evening clear and cold.
18	29.59	29.57	29.70	18	29	10	19.0	W by N 2	N. E'ly 1	N. W. 1	Snow	10	0		19th. Very cold, but wind light.
19	29.82	29.78	29.80	3	13	5	7.0	N. W. 1	N. W. 1	N. W. 2	0	3	0		20th. Fine, but very cold.
20	29.78	29.71	29.80	3	16	3	7.3	N. W. 2	N. W. 2	N. W. 1	1	2	0	2.20	21st. Flurry of snow in the morning. Evening mostly clear.
21	29.73	29.64	29.80	6	30	23	19.7	S. W. 1	S. W. 2	W'ly 1	5	Snow	5		22d. Very raw and cold. Flurry of snow in the afternoon.
22	...	30.21	30.36	9	12	7	9.3	N. E. 1	N. E. 2	N. E. 2	8	6	10		23d. Cloudy; sharp wind.
23	...	...	30.49	...	...	14	...	...	...	N'ly 1	...	...	10		24th. Rain in the morning. Afternoon and evening misty.
S 24	30.12	29.94	29.84	32	39	39	36.7	N. E. 1	N. W. 1	N'ly 1	Rain	10	10		25th. Pleasant and mild.
25	29.81	...	29.80	31	...	35	...	S. W. 1	...	W'ly 1	8	...	6		26th. Very mild and pleasant.
26	29.82	29.89	29.94	34	44	32	36.7	N. W. 1	N. W. 2	N. W. 1	1	1	2		27th. Moderate rain in the morning. Mist in the afternoon and evening.
27	29.79	29.66	29.78	35	38	35	36.0	E'ly 1	N. E'ly 1	N. E. 2	Rain	Rain	Misty		28th. Heavy mist through the day.
28	29.80	...	29.51	35	...	35	...	N. E. 2	...	N. E. 1	Misty	...	Misty		29th. Fine rain and mist in the morning. Began to snow from 2 to 3 P. M., with wind N. W. Snow continued through the evening.
29	29.41	29.43	29.60	38	34	22	31.3	W'ly 1	N. W. 2	N. W. 2	10	Misty	Snow		
30	29.64	...	...	14	...	...	...	N. W. 3	...	...	10	...	...		
S 31	...	...	...	...	...	...	...	...	...	...	...	...	...		
Means	29.69	29.65	29.71	23.0	31.8	24.8	...	1.5	1.9	1.5	6.5	6.0	5.4	3.35	
									1.6			6.0			
REDUCED TO SEA LEVEL.															
Max.	30.41	30.47	30.67	38	48	39	40.3								
Min.	28.96	28.94	29.04	3	12	5	7.0								
Mean	29.87	29.83	29.89												
Range	1.45	1.53	1.63	35	36	34	33.3								
Mean of month			29.863	...	...	...	26.5								
Extreme range			1.73	...	...	...	45.0								

Prevailing winds from some point between— Days.

	Days.
N. & E.	6
E. & S.	0
S. & W.	9
W. & N.	15

	Days.
Clear	6
Variable, Cloudy	12
Rain or snow fell on	12

(1 day omitted.)

January, 1855. New Moon, 18d. 3h. 30m. A. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	...	...	30.40	...	...	19	...	...	...	N. W. 1	...	...	0		1st. Very pleasant.
2	30.52	30.58	30.57	17	25	22	21.3	N'ly 1	N. E. 2	N. E. 1	10	10	10		2d. At 10 A. M., barometer 30.67. Appearances of storm in the evening.
3	30.56	30.51	30.41	24	38	34	32.0	E'ly 2	S. W. 2	S. W. 2	10	10	10		3d. Cloudy and air rather raw, with appearances of storm.
4	30.39	30.29	30.23	35	42	39	38.7	S. W'ly 1	S. W. 2	S. W. 1	10	10	10		4th. Cloudy, and very mild.
5	30.33	30.42	30.64	39	40	30	36.3	N. W'ly 1	N. E. 2	N. E. 1	5	7	4		5th. Very fine for the season.
6	30.65	30.64	30.56	24	29	28	27.0	N'ly 1	N. E. 2	N. E'ly 1	10	10	10		6th. Air raw, with appearances of storm.
S 7	30.35	30.27	30.24	32	54	47	44.3	S'ly 1	S. W. 1	S. W. 3	10	9	Rain		7th. Very mild. Sprinkling of rain in the morning. Raining at 10 P. M.
8	30.54	30.58	30.59	36	39	29	34.7	N. W. 1	N. W. 1	N. W. 1	5	1	4		8th. Very fine.
9	30.44	30.25	30.08	29	38	33	33.3	N. E. 2	N. E. 2	N. W. 1	10	10	0		9th. Cloudy through the day. Clear at 10 P. M.
10	30.08	30.16	30.21	30	29	14	24.3	N. W. 1	N. W. 2	N. W. 2	0	0	0		10th. Pleasant. Grew cold towards night.
11	30.13	29.91	29.69	14	31	34	26.3	N. W. 1	S'ly 1	S'ly 1	2	10	10		11th. Flurry of snow from 2 to 4 P. M.
12	29.54	29.57	29.59	33	37	34	34.7	S'ly 2	S. W. 2	S. W. 1	4	5	8		12th. Very mild.
13	...	...	...	...	...	...	...	...	...	...	...	...	...		14th. Very fine and cold.
S 14	29.77	29.83	29.84	12	16	10	12.7	N. W. 4	N. W. 4	N. W. 3	0	0	7		15th. Flurry of snow from 11 A. M. to noon; air rather raw.
15	29.90	29.86	29.84	14	31	31	25.3	S. W. 1	S. W. 1	S. W'ly 1	8	10	10		16th. Began to snow moderately from 11 A. M. to noon.
16	29.89	29.84	29.92	29	33	24	28.7	S. W. 1	N. E'ly 1	N. E. 2	10	Snow	Snow		17th. About two inches of light snow on the ground this morning.
17	29.01	29.93	29.95	20	31	28	26.3	N. W'ly 2	N. E'ly 1	N. E. 1	5	10	10	0.15	18th. Steady rain all day.
18	29.68	29.41	29.30	35	40	33	36 0	N. E. 1	N. E. 1	N. E. 2	Rain	Rain	Rain		19th. Snow all day from the N. W.; quantity, from three to four inches on the level.
19	29.06	29.07	...	32	30	...	...	N. W. 2	N. W. 2	...	Snow	Snow	...	4.00	20th. Pleasant.
20	...	...	29.62	...	...	32	...	...	...	N. W. 1	...	...	10		21st. Sprinkling of rain in the afternoon.
S 21	29.70	29.77	29.67	26	32	32	30.0	N. W. 1	N. E. 2	N. E. 1	0	10	10		22d. Heavy rain in morning from S'ly. Evening clear, with wind W'ly.
22	29.20	29.09	29.60	46	46	28	40.0	S. W. 4	S'ly 3	S'ly 2	10	Rain	0	0.60	23d. Very fine.
23	...	...	29.99	...	...	20	...	...	...	N. W. 1	...	...	0		24th. Air raw in the afternoon. Began to snow from 5 to 6 P. M.
24	29.97	29.82	29.70	17	31	26	24.7	N. W. 1	E'ly 2	N. E. 2	6	10	Snow		25th. Between four and five inches of dry snow on the ground this morning. The day very fine.
25	29.69	...	29.71	16	...	19	...	N. W. 2	...	N. W. 1	0	...	0		26th. Snow from the east all day; snow damp, and wind heavy. At 11 P. M., wind W'ly, and raining lightly.
26	29.61	29.19	28.82	23	32	33	29.3	E'ly 2	E'ly 4	W'ly 2	10	Snow	Rain	0.70	27th. Very fine. Evening splendid.
27	28.97	...	29.55	21	...	19	...	W'ly 3	...	W'ly 2	1	...	0		28th. Air raw in the afternoon, with wind S'ly. Moderate rain in the morning.
S 28	29.81	29.77	29.70	21	35	36	30.7	S. W. 2	S. E. 2	S. E'ly 2	7	10	Rain	1.00	29th. Heavy wind and heavy rain last night. Clouds and fog in the morning. Evening fine.
29	29.40	29.41	29.67	45	45	32	40.7	S'ly 3	S'ly 1	S. W. 2	10	Foggy	0		30th. Fine.
30	29.72	...	...	25	...	...	...	S. W'ly 2	...	...	0	...	...		31st. Very fine. Evening splendid.
31	29.73	...	...	22	...	...	...	W.	...	...	2	...	...		
Means	29.88	29.92	29.93	26.5	35.0	28.4	...	1.7	1.9	1.5	6.0	8.4	6.4	6.45	
									1.7			6.9			
REDUCED TO SEA LEVEL.															
Max.	30.83	30.82	30.82	46	54	47	44.3								
Min.	29.15	29.25	29.00	12	16	10	12.7								
Mean	30.06	30.10	30.11												
Range	1.68	1.57	1.82	34	38	37	31.6								
Mean of month			30.090	...	...	...	30.0								
Extreme range			1.83	...	...	...	44.0								

Prevailing winds from some point between— Days.

	Days.
N. & E.	10
E. & S.	1
S. & W.	9
W. & N.	10

	Days.
Clear	7
Variable, Cloudy	12
Rain or snow fell on	11

(1 day omitted.)

February, 1855. New Moon, 16d. 1h. 40m. P. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	...	...	...	23	28	20	23.7	N. W. 1	N. W. 1	N'ly	...	...	...		1st and 2d. Fair.
2	...	...	...	15	30	32	25.7	N. W.	S. W.	S. E.	...	...	...		3d. Very fine.
3	29.43	...	...	25	30	17	24.0	W'ly 4	W'ly	S. W.	5	...	...		4th. Pleasant.
S 4	29.56	29.51	...	14	19	...	...	W'ly 2	W by N. 3	...	7	10	...		5th. Snow in the morning. Clear and cold in the evening. Quantity of snow small.
5	...	29.35	29.48	...	15	7	...	...	N. W. 1	N. W. 1	...	0	0		6th. Wind light at about N. W., and cold intense. At 10 P. M., thermometer 14° below zero, which is one degree lower than any record at this station for twenty-four years.
6	29.70	29.72	29.93	—3	—7	—14	—8.0	N. W. 2	N. W. 1	N. W. 2	0	0	0		
7	30.00	30.02	29.87	—15	10	7	0.7	N. W. 1	N. E. 1	N. E. 2	0	10	Snow		7th. At sunrise, thermometer stood at 15° below zero; wind light at N. W. Began to snow from 5 to 6 P. M., with wind light at N. E.
8	29.62	29.48	29.41	12	25	18	18.3	N. E'ly 2	N. E. 2	N. E. 2	10	Snow	Snow	1.25	8th. Cloudy in the morning. Snow in the afternoon and evening. At 4 P. M., thermometer 29°.
9	29.46	29.54	29.63	16	18	14	16.0	N. E. 3	N. W. 2	N. E'ly 1	Snow	Snow	10		9th. Snow from N. E. nearly all day; quantity large, and considerably drifted—from twelve to fourteen inches deep on the level.
10	29.74	29.88	29.96	13	22	10	15.0	N. W. 1	N. W. 1	N. W. 1	0	0	0		10th. Very fine.
S 11	29.91	29.82	29.87	4	29	23	18.7	N. W. 1	N. W. 1	N'ly 1	1	10	0		11th. Cloudy in afternoon; air raw and chilly.
12	29.97	30.07	30.15	14	27	18	19.7	N. W. 1	N. W. 1	N. W. 2	0	0	0		12th and 13th. Very fine.
13	30.19	30.18	30.20	16	33	22	23.7	N. W. 1	N. W. 1	N. W. 1	5	2	0		14th. Began to rain moderately at 2 P. M.
14	30.08	29.97	29.74	26	38	36	33.3	E'ly 2	E'ly 2	N. E. 2	8	10	Rain	2.80	15th. Rain nearly all day.
15	29.61	29.49	29.44	42	42	36	40.0	S. E'ly 2	N. E. 1	N. E. 1	Foggy	Rain	Misty		16th. Foggy in the morning. Cloudy in the afternoon; very mild.
16	29.44	29.48	29.56	36	39	36	37.0	N. E. 1	S. W. 1	S. W. 1	Foggy	10	10		17th. Cloudy. Showers of rain and snow.
17	29.53	29.48	29.50	35	38	33	35.3	S. W. 1	N. W. 2	N. W. 3	10	10	10		18th. Very fine. Wind brisk at N. W.
S 18	29.50	29.49	29.50	31	38	32	33.7	N. W'ly 3	N. W'ly 5	N. W'ly 3	1	1	3		19th. Very fine.
19	29.52	29.51	29.58	33	38	29	33.3	W by N 3	N. W'ly 3	N. W. 1	8	2	0		20th. Pleasant. Evening cloudy.
20	29.62	29.56	29.66	31	38	28	32.3	N. W'ly 1	N by W 2	N by W. 3	10	4	10		21st and 22d. Very fine.
21	29.86	29.87	29.90	28	40	28	32.0	N. W. 2	N. W. 3	N. W. 2	3	3	0		23d. Cloudy in the morning. Flurry of snow from 2 to 4 P. M. Evening cooler, and mostly clear.
22	29.87	29.75	29.72	25	37	31	31.0	N. W. 1	N. W. 2	N. W. 1	0	0	2		
23	29.66	29.67	29.74	32	26	14	24.0	N. W. 2	N. W'ly 2	N. W. 1	10	10	0		24th. Cold, but very fine.
24	29.82	29.78	29.76	5	17	12	11.3	N. W. 2	N. W. 3	N. W. 2	0	0	0		25th. Wind brisk. Air very raw and cold.
S 25	29.67	29.53	29.51	8	18	11	12.3	S. by W. 2	W by N 3	N. W'ly 2	0	2	2		26th. Air very raw and uncomfortable.
26	29.42	29.40	29.46	9	23	17	16.3	W. 2	W'ly 3	W'ly 2	0	3	8		27th. Very fine.
27	29.51	29.56	29.79	14	24	18	18.7	N. W. 2	N. W. 2	N. W. 1	7	0	0		28th. Very fine; nearly cloudless. Evening very clear.
28	29.96	30.00	30.10	14	29	18	20.3	N. W. 2	N. W. 2	N. W. 1	0	0	0		
Means	29.71	29.68	29.73	18.6	27.3	20.5	...	1.8	1.9	1.6	4.6	4.7	4.0	4.05	
								1.8			4.4				
REDUCED TO SEA LEVEL.															
Max.	30.37	30.36	30.38	42	42	36	40.0								
Min.	29.60	29.53	29.59	—15	—7	—14	—8.0								
Mean	29.89	29.86	29.91												
Range	0.77	0.83	0.79	57	49	50	32.0								
Mean of month			29.887	...	...	...	22.1								
Extreme range			0.85	...	...	...	57.0								

Prevailing winds from some point between—	Days.
N. & E.	4
E. & S.	0
S. & W.	4
W. & N.	20

	Days.
Clear	13
Variable	7
Cloudy	
Rain or snow fell on	8

March, 1855. New Moon, 17d. 11h. 37m. P. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.18	30.12	30.14	13	32	24	23.0	N. W. 1	N. W. 1	S. W. 1	0	0	0		1st and 2d. Very fine.
2	30.12	30.05	29.99	18	39	24	27.0	N. W. 1	S. W. 1	S. W. 1	0	1	0		3d. Pleasant in the morning. Air raw in the afternoon.
3	29.85	29.69	29.63	22	43	36	33.7	S. W. 1	S. W. 1	S. W'ly 1	0	10	10		4th. Very fine.
S 4	29.69	29.77	29.99	33	41	31	35.0	W'ly 2	N. W. 2	N. W. 1	8	0	0		5th. Very blustering and dusty in the morning. Began to rain from 8 to 2 P. M.
5	29.81	29.61	29.37	33	49	42	41.3	S. W. 2	S. W. 3	S. W. 3	5	3	Rain	0.15	6th. Fine.
6	29.36	29.34	29.60	42	50	31	41.0	S. W. 2	N. W'ly 3	N. W. 1	5	2	2		7th. Air raw and uncomfortable.
7	29.68	29.60	29.67	21	36	26	27.7	N. W. 2	N. E. 2	N. E. 1	3	9	2		8th. Very fine.
8	29.74	29.69	29.61	24	35	25	28.0	N'ly 1	N. W'ly 2	N. W. 1	9	2	0		9th. Cloudy. Began to rain very gently from 7 to 8 P. M.
9	29.52	29.38	29.40	27	37	34	32.7	S. W. 2	S. W. 1	S. W. 1	9	10	Rain	0.10	10th. Ground covered with snow this morning. Weather very blustering and uncomfortable.
10	29.45	29.40	29.49	26	31	26	27.7	N'ly 3	N'ly 3	N. W. 3	9	8	5		11th. Pleasant. Evening very fine.
S 11	29.64	29.55	29.59	26	38	31	31.7	N. W. 1	N. W. 1	N. W. 1	8	0	0		12th. Cloudy and raw in the morning. Aurora in the evening, and clear.
12	29.60	29.67	29.90	30	35	28	31.0	N. W'ly 1	N'ly 2	N. E. 1	10	10	0		13th. Cloudy. Began to snow at 5 P. M., with wind E'ly. Snow turned to rain in the evening.
13	29.96	29.92	29.66	25	37	32	31.3	N'ly 2	E'ly 2	E'ly 3	5	10	Rain	0.25	14th. Air raw and uncomfortable, with occasional rain and hail.
14	29.69	29.76	29.94	32	34	26	30.7	N. E. 1	N'ly 2	N'ly 2	Misty	5	10		15th. Snowing at sunrise, and ground covered with snow. Rain and drizzle in the afternoon. Evening clear.
15	29.85	29.57	29.56	27	35	34	32.0	N. E. 1	E'ly 2	N. W'ly 1	Snow	Rain	0		16th. Pleasant. Evening very fine.
16	29.72	29.79	29.89	34	40	33	35.7	N. W'ly 2	N. W. 1	N. W. 1	8	10	0		17th. Began to snow very moderately from 8 to 9 A. M. Snow, rain, and mist in the afternoon.
17	29.90	29.75	29.63	34	34	34	34.0	S'ly 1	E'ly 1	E'ly 1	10	Rain	Misty	0.45	18th. Pleasant.
S 18	29.72	29.75	29.83	34	43	34	37.0	W'ly 2	W'ly 1	N. W'ly 1	7	10	0		19th. Very fine.
19	29.85	29.86	29.87	27	42	30	33.0	N. W. 1	N. W'ly 1	S. E'ly 1	0	0	0		20th. Air very raw and uncomfortable.
20	29.75	29.70	29.84	33	41	28	34.0	S. W'ly 2	S. W. 4	N. W. 2	10	9	0		21st. Cold, but fine.
21	29.87	29.91	29.99	22	37	27	28.7	N. W. 2	N. W. 2	N. W. 1	0	0	0		22d. Pleasant, but cold.
22	29.99	29.78	29.67	27	37	28	30.7	N. W. 2	N. E. 2	N. W. 1	8	10	5		23d. Air very raw and uncomfortable. Appearances of storm in the evening.
23	29.60	29.36	29.21	22	38	35	31.7	N. W. 2	S. W. 3	S. W. 3	0	10	10		24th. Air very raw. Snow in the air in the afternoon. Very cold in the evening.
24	29.28	29.08	29.30	34	35	17	28.7	S. W. 2	S. W. 3	N. W. 3	3	10	0		25th. Wintry cold.
S 25	29.39	29.38	29.43	18	32	28	26.0	N. W. 2	N. W. 3	N. W. 1	8	2	4		26th. Air raw and uncomfortable. Moderate snow from N. E. in the evening.
26	29.53	29.44	29.28	24	44	34	34.0	W'ly 2	S. W. 3	N. E. 1	10	10	Snow		27th. Ground covered with snow this morning.
27	29.27	29.26	29.45	28	38	26	30.7	N. W. 1	W'ly 2	N. W. 2	1	5	1		28th. Wind very blustering and cold.
28	29.53	29.50	29.52	24	37	26	29.0	N. W. 3	N. W. 3	N. W. 2	5	3	0		29th. Day blustering. Evening still and splendid.
29	29.53	29.48	29.64	26	41	35	34.0	N. W. 2	N. W. 3	N. W. 1	3	2	0		30th. Very fine. At 1 P. M., thermometer 57°, being the highest point reached since Nov. 26, 1854—a period of 124 days. A bright circle about the moon in the evening.
30	29.65	29.65	29.74	32	57	47	45.3	N. W. 1	W. by S. 2	W'ly 1	5	0	Hazy		31st. Very fine. Hazy in the evening. Circle about the moon.
31	29.75	29.66	29.53	35	55	42	44.0	S. W. 2	S'ly 2	S'ly 1	5	2	5		
Means	29.69	29.63	29.66	27.5	39.4	30.8	...	1.7	2.1	1.5	5.6	5.5	3.3	0.85	
								1.8			4.8				
REDUCED TO SEA LEVEL.															
Max.	30.36	30.30	30.32	42	57	47	45.3								
Min.	29.46	29.26	29.39	13	31	17	23.0								
Mean	29.87	29.81	29.84												
Range	0.90	1.04	0.93	29	26	30	22.3								
Mean of month			29.840	...	...	...	32.6								
Extreme range			1.10	...	...	...	44.0								

Prevailing winds from some point between—	Days.
N. & E.	6
E. & S.	1
S. & W.	8
W. & N.	16

	Days.
Clear	7
Variable	17
Cloudy	
Rain or snow fell on	7

April, 1855. New Moon, 16d. 9h. 57m. P. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water	REMARKS.
	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.		
S 1	29.09	28.74	29.05	42	43	24	36.3	N'ly 1	N. W. 3	N. W. 5	Rain	10	0	1.20	1st. Rain in the morning, with wind light N'ly. Barometer very low; at 1 P. M., it stood at 28.83. At 3 P. M., clouds broken, and wind blustering at N. W. Evening clear and cold, and wind violent.
2	29.17	29.11	29.39	18	30	27	25.0	N. W. 4	N. W. 4	N. W. 3	0	10	8		2d. Very cold for the season, and extremely blustering; few days during the winter more severe and uncomfortable to be out.
3	29.62	29.67	30.02	24	38	31	31.0	N. W. 2	N. W. 3	N. W. 1	0	0	3		3d. More pleasant, but still blustering.
4	30.14	30.09	30.11	28	51	35	38.0	N. W. 2	S. W. 2	S. W'ly 1	0	2	2		4th. Pleasant.
5	30.00	29.88	29.54	35	51	42	42.7	S. W'ly 1	S. E'ly 2	E'ly 1	5	10	Rain	0.50	5th. Pleasant in the morning. Cloudy in the afternoon, with light rain towards night.
6	29.28	29.34	29.44	40	57	46	47.7	N'ly 1	N.W'ly 1	S'ly 1	10	4	10		6th and 7th. Pleasant.
7	29.47	29.55	29.69	38	46	34	39.3	N. W. 1	N. W. 2	N. W. 1	10	0	2		8th. Very fine. Evening clear.
S 8	29.77	29.72	29.82	28	46	34	36.0	N. W. 1	S. W'ly 2	N. W. 1	0	0	0		9th. Sprinkling of rain in the afternoon. Evening clear.
9	29.80	29.77	29.82	34	49	38	40.3	N. W. 1	S'ly 2	N. W. 1	3	10	0		10th. Pleasant in the morning. Began to rain in the evening.
10	29.90	29.84	29.58	34	49	39	40.7	E'ly 1	S. E'ly 2	E'ly 2	2	10	Rain		11th. Air raw. Sprinkling of rain in evening.
11	29.49	29.48	29.47	36	41	36	37.7	N.W'ly	N. W. 3	N. W. 2	10	10	Sprin'le		12th. Cloudy through the day. Evening clear; aurora in the north, accompanied with streamers.
12	29.60	29.70	29.85	36	45	38	39.7	N. W. 2	N. W. 4	N. W. 1	10	10	0		13th. Pleasant.
13	29.91	29.89	29.96	36	51	41	42.9	N. W. 1	N. W. 2	N. E. 1	0	3	5		14th. Sprinkling of rain in the afternoon. Evening mostly clear.
14	29.89	29.72	29.63	38	47	42	42.3	E'ly 1	S. E'ly 2	W'ly 1	10	Sprin'le	0		15th. Sprinkling of rain in morning and afternoon. Evening clear.
S 15	29.73	29.72	29.78	46	52	42	46.7	S. W'ly 1	S. W. 1	S. W. 1	10	10	0		16th. Very fine.
16	29.92	29.97	30.04	39	60	47	48.7	S. W. 1	S'ly 2	S'ly 1	0	0	0		17th. Pleasant and warm in morning. Cloudy towards night; sprinkling of rain in the evening.
17	30.04	30.01	29.95	44	67	46	52.3	S'ly 1	S. W. 3	S. W. 2	0	8	Rain		18th. Very warm; prevalence of thin clouds and haze. Sprinkling at 2 P. M. Frequent lightning at the north in the evening. Venus was occulted by the moon, near the western horizon, at 8 h. 46 m. 56 s. P. M., mean time at Providence.
18	29.85	29.77	29.68	49	74	51	58.0	S'ly 2	S. W. 1	W'ly 1	5	9	0		19th. Sprinkling of rain at 2 P. M. Appearances of storm in the evening.
19	29.54	29.51	29.70	51	76	47	58.0	S. W'ly 1	W'ly 2	N. E. 2	7	10	10		20th. Moderate rain nearly all day.
20	29.67	29.54	29.75	41	39	36	38.7	N. E. 2	N. E. 2	N. E. 2	Misty	Rain	Rain	0.80	21st. Very fine.
21	30.01	29.99	29.99	38	59	45	47.7	S. W. 1	N. W. 1	S'ly 2	0	0	0		22d. Broken clouds, with occasional sprinkling of rain.
S 22	29.94	29.87	29.86	43	60	50	51.0	S. W. 2	S. W. 2	S. W. 1	3	10	5		23d and 24th. Very fine.
23	30.00	29.91	30.05	45	60	40	48.3	S. W. 1	S. E'ly 2	S'ly 2	0	0	0		25th. Air warm and sultry in the morning; wind S. W. Cooler in the afternoon, with wind N. E.
24	29.97	29.86	29.77	41	70	54	55.0	S. W. 1	S. W. 2	S. W. 1	0	3	10		26th. Cloudy in the morning, with sprinkling of rain. Heavy mist in the afternoon.
25	29.72	29.88	30.04	54	65	44	54.3	S. W. 1	N. E. 2	N. E. 2	6	10	8		27th. Blustering through the day. Evening very fine and clear.
26	29.98	29.76	29.60	44	46	49	46.3	N. E. 2	S. E. 2	W'ly 2	10	10	9		28th. Cool, but pleasant.
27	29.71	29.79	29.95	42	56	41	46.3	N. W. 2	N. W. 4	N. W. 2	3	3	0		29th. Air full of snow from 6 to 8 A. M. Mist in the afternoon and evening.
28	30.01	29.95	30.00	38	54	45	45.7	N. W. 2	N. W. 2	N. W. 1	0	0	Hazy		30th. Cool and misty.
S 29	30.10	30.03	30.01	38	43	38	39.7	N. E'ly 1	S. E'ly 2	S. E'ly 1	Snow	Misty	Misty		
30	30.02	29.98	29.81	40	49	48	45.7	E'ly 1	E'ly 2	E'ly 1	Misty	10	10		
Means	29.78	29.73	29.78	38.7	52.5	41.0	...	1.4	2.2	1.5	4.5	6.4	5.1	2.50	
									1.7			5.3			
REDUCED TO SEA LEVEL.															
Max.	30.32	30.27	30.29	54	76	54	58.0								
Min.	29.27	28.92	29.23	18	30	24	25.0								
Mean	29.96	29.91	29.96												
Range	1.05	1.35	1.06	36	46	30	33.0								
Mean of month		29.943		...	...	...	44.1								
Extreme range		1.40		...	...	...	58.0								

Prevailing winds from some point between— Days.
N. & E. 3
E. & S. 5
S. & W. 9
W. & N. 13

Days.
Clear 8
Variable . . . } 8
Cloudy . . . }
Rain or snow fell on 14

May, 1855. New Moon, 15d. 9h. 5m. P. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.		
1	29.65	29.68	29.90	45	61	43	49.7	Nl'y 1	N. W. 1	N. E. 3	10	10	10		1st. Clouds. Appearances of storm in evening.
2	30.00	29.92	29.94	43	63	44	50.0	N'ly 1	N. W. 1	E'ly 2	10	0	10		2d. Pleasant at mid-day. Air raw in evening.
3	29.96	29.85	29.72	40	61	43	48.0	N'ly 2	N'ly 2	N. W. 1	2	4	0		3d. Pleasant.
4	29.64	29.58	29.61	44	60	45	49.7	N'ly 2	N. W. 2	N. E. 2	1	6	Rain		4th. Cold and unpleasant. Light rain in the evening.
5	29.59	29.57	29.63	46	63	53	54.0	N'ly 1	N. E. 2	N.W'ly 1	5	10	0		5th. Clouds, with occasional light sprinklings. Evening clear.
S 6	29.59	29.46	29.50	54	69	53	58.7	N. W. 2	N. W. 2	N. W. 2	2	5	0		6th. Very fine, but dry, and the air filled with dust.
7	29.66	29.61	29.59	43	60	43	48.7	N. W. 1	N. W. 1	S'ly 2	4	3	2		7th. Pleasant. Windy and cool in afternoon.
8	29.60	29.53	29.42	40	41	40	40.3	N. E. 2	E'ly 4	N. E. 4	9	Rain	Rain	} 1.10	8th. Began to rain from 11 A. M. to noon. Storm heavy from N. E. in the afternoon and evening.
9	29.58	29.66	29.83	41	38	35	38.0	N. E. 4	N. E. 4	N. E. 3	Misty	Rain	Rain		9th. Moderate rain, with occasional mixture of snow all day. Wind heavy at N. E.
10	29.81	29.80	29.82	38	53	40	43.7	N'ly 2	N. W. 2	N. W. 1	9	0	0		10th. Very fine.
11	29.76	29.71	29.75	43	66	46	51.7	N. W. 1	N. W. 2	N. W. 1	5	3	2		11th. Pleasant.
12	29.74	29.74	29.77	47	69	46	54.0	S'ly 1	S'ly 1	S. E'ly 1	5	4	2		12th. Very pleasant. Air cool S. E'ly towards evening.
S 13	29.85	29.84	29.87	46	67	51	54.7	S'ly	S. by E. 1	S'ly 1	2	0	0		13th. Pleasant; air hazy.
14	29.74	29.72	29.77	50	69	61	60.0	S'ly 1	S. W'ly 2	N. W. 1	Foggy	10	10		14th. Mild and pleasant. Sprinkling of rain from 3 to 4 P. M.
15	29.84	29.77	29.68	55	77	64	65.3	N. W. 1	S. W. 2	S. W'ly 1	8	5	2		15th. Very warm; air thick and hazy near the horizon.
16	29.64	29.55	29.58	65	78	62	68.3	S. W. 1	S. W. 3	S. W. 2	Hazy	5	10		16th. Very warm. Wind blustering in the afternoon, and the air full of dust.
17	29.62	29.70	29.85	53	66	53	57.3	S. W'ly 1	S'ly 2	N. W. 1	Sprin'le	0	0	0.35	17th. Rain last night. Evening splendid.
18	29.95	29.95	29.94	51	66	52	56.3	N. W. 1	N. W. 2	S. E'ly 2	0	5	2		18th. Very fine.
19	29.84	29.75	29.70	54	62	48	54.7	S'ly 2	S. E'ly 2	N. E. 2	5	10	Rain		19th. Began to rain quite moderately at 6 P. M.
S 20	29.38	29.38	29.40	51	52	50	51.0	N. E. 3	N. E. 3	N. E. 2	10	Rain	10	0.50	20th. Light rain last night and through the day.
21	29.42	29.46	29.48	47	53	46	48.7	N. W. 2	N. W. 3	N. W. 1	3	8	10		21st. Quite cool for the season.
22	29.56	29.60	29.59	46	47	44	45.7	N. W. 2	N. E. 2	N. E. 2	10	Misty	10		22d. Very cold for the season. Cloudy, with occasional mist and sprinkling.
23	29.70	29.73	29.86	50	65	48	54.3	N. W. 2	N. W. 3	E'ly 1	7	3	0		23d. Cool. Evening very clear.
24	29.78	29.71	29.73	50	75	61	62.0	S'ly 2	S. E'ly 3	S'ly	8	8	Rain	0.60	24th. Mostly cloudy in the morning. Heavy thunder and rain from 8 to 10 P. M.
25	29.72	29.71	29.75	60	74	59	64.3	N. W. 1	N. W. 2	N. W. 2	10	5	0		25th. Pleasant.
26	29.75	29.72	29.77	52	57	50	53.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		26th. Very fine.
S 27	29.76	29.62	29.64	48	68	55	57.0	N. W. 2	N. W. 2	N. W. 1	0	0	2		27th. Very fine; nearly cloudless through day.
28	29.80	29.83	29.96	52	67	50	56.3	N. W. 1	S'ly 2	S'ly 2	0	2	2		28th. Very fine.
29	29.97	30.03	30.05	53	66	52	57.0	S'ly 1	S. E'ly 3	S'ly 2	3	1	1		29th and 30th. Fine.
30	30.05	30.03	30.05	55	76	61	64.0	S'ly 2	S. W. 3	S. W. 2	2	0	2		31st. Fine; sun hot.
31	30.07	30.01	30.01	62	78	60	66.7	S'ly 2	S. W. 3	S. W. 2	3	2	3		
Means	29.74	29.72	29.75	49.2	63.5	50.3	...	1.6	2.2	1.7	5.9	4.8	4.5	2.55	
									1.8			5.1			
REDUCED TO SEA LEVEL.															
Max.	30.25	30.21	30.23	65	78	64	68.3								
Min.	29.56	29.56	29.58	38	41	35	38.0								
Mean	29.92	29.90	29.93												
Range	0.69	0.65	0.65	27	37	29	30.3								
Mean of month		29.917		...	...	...	54.5								
Extreme range		0.69		...	...	...	43.0								

Prevailing winds from some point between— Days.
N. & E. 4
E. & S. 5
S. & W. 8
W. & N. 14

Days.
Clear 11
Variable . . . } 10
Cloudy . . . }
Rain fell on . . 10

June, 1855. New Moon, 14d. 9h. 21m. A. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.91	29.86	29.84	62	77	63	67.3	S. W. 2	S. W. 4	S. W. 3	10	8	10		1st. Very dusty in the morning. Sprinkling of rain from 6 to 7 P. M.
2	29.80	29.77	29.79	65	75	62	67.3	S. W. 3	S. W. 3	S. W. 3	Misty	Sprin'l	10	0.60	2d. Cloudy, with occasional showers.
S 3	29.68	29.68	29.59	64	63	59	62.0	S. E. 4	S. E. 3	S. E. 4	10	Rain	Rain		3d. Copious rain through the day.
4	29.54	29.52	...	61	69	...	...	S. E. 3	S. E. 2	...	Misty	4	...		4th. Pleasant.
5	29.64	29.63	29.69	50	70	56	58.7	N. W. 2	N. W. 3	N. W. 1	0	3	8		5th and 6th. Very fine.
6	29.75	29.74	29.76	57	74	62	64.3	N. W. 1	W. by N. 2	W'ly 1	0	8	10		7th. Sprinkling of rain in the morning. Cloudy in the afternoon and evening, with wind strong at S. W. Showers during the night.
7	29.67	29.42	29.25	62	63	63	62.7	S. W'ly 1	S'ly 1	S. W. 4	Sprin'le	10	10	0.15	8th and 9th. Very fine.
8	29.25	29.37	29.58	58	73	55	62.0	N. W. 2	W'ly 2	N. W. 1	5	3	0		10th. Sprinkling of rain early this morning.
9	29.60	29.60	29.62	55	70	59	61.3	N. W. 1	...	N. W. 2	2	2	0		11th. Pleasant.
S 10	29.57	29.47	29.50	63	74	62	66.3	S'ly 2	S. W. 3	S. W'ly 2	10	10	0		12th. Sprinkling of rain in the morning. Evening splendid.
11	29.29	29.37	29.63	63	74	55	64.0	S. W. 1	S. W. 3	N. W. 1	10	0	0		13th. Pleasant, but cool for the season.
12	29.67	29.71	29.81	57	68	51	58.7	S. W. 2	S. W. 2	N. W. 1	10, Spr.	7	0		14th. Pleasant.
13	29.83	29.81	29.79	48	68	56	57.3	N. W. 1	N. E. 2	S. W. 1	3	2	0		15th. Pleasant. Dash of rain from 7 to 8 P. M.
14	29.71	29.63	29.72	58	74	54	62.0	N. W. 2	N. W. 2	S'ly 1	2	10	0		16th. Variable. Sprinkling of rain from 7 to 8 P. M.
15	29.53	...	29.54	54	72	59	61.7	S. W. 2	S. W. 2	S. W. 1	8	3	10		17th and 18th. Very fine.
16	29.57	29.48	29.61	55	76	62	64.3	N. W. 1	S'ly 1	S. W. 1	0	10	10		19th. Sprinkling of rain in the afternoon and evening.
S 17	29.48	29.78	29.84	63	74	58	65.0	N. W. 1	W'ly 2	S. W'ly 1	0	0	0		20th. Sprinkling and mist in morning. Evening clear.
18	29.94	29.93	29.96	54	74	55	61.0	N by W 1	N. E. 1	N. E. 1	0	1	0		21st. Very fine.
19	29.95	29.84	29.75	55	70	56	60.3	N. E. 1	N. E'ly 1	N. E. 1	Hazy	10	Rain		22d. Fine in the morning. Cloudy in the afternoon. Heavy mist and light rain in the evening.
20	29.70	29.63	29.64	57	74	62	64.3	E'ly 1	S. W'ly 1	N. W. 1	10	8	0		23d. Very fine.
21	29.62	29.67	29.73	62	78	64	68.0	N. W. 1	N. W. 2	N. W. 1	0	0	0		24th. Cloudy in the morning. Light rain in the afternoon and evening.
22	29.72	29.68	29.58	65	74	66	68.3	S'ly 2	S. W. 3	S'ly 1	3	4	Misty		25th. Fog and clouds. Brisk shower from 5 to 6 P. M.
23	29.72	29.80	29.85	67	78	68	71.0	N. W. 1	N. E. 2	N. E. 1	2	7	1		26th. Cloudy all day; occasional light showers.
S 24	29.84	29.78	29.71	69	72	64	68.3	S'ly 1	S. E'ly 2	S. E'ly 1	6	10	Rain	0.20	27th. Very fine. Warmest day since Aug. 25, 1854. Thermometer 86° on both days.
25	29.66	29.67	29.77	64	76	68	69.3	S'ly 1	S. E'ly 1	S. E'ly 1	Foggy	10	10		28th. Light showers through the day. Thunder from 5 to 6 P. M.
26	29.84	...	29.85	68	...	70	...	S'ly 2	...	S. W. 2	10	...	10		29th. Very hot and uncomfortable.
27	29.94	29.94	29.95	71	86	72	76.3	N. W. 1	W'ly 2	S. W. 2	0	0	0		30th. Excessively hot in the morning. At 1 P. M., 95° in the shade. Heavy shower from 4 to 6 P. M.
28	29.86	29.76	29.75	76	80	69	75.0	S. E. 2	S. W. 1	W'ly 1	8	Rain	1	0.30	
29	29.73	29.65	28.61	70	90	78	79.3	N. W. 2	W by N 2	W'ly 1	2	2	5		
30	29.62	29.65	28.66	78	95	72	81.7	N. W. 1	W'ly 1	W'ly 1	2	5	2	0.70	
Means	29.69	29.67	29.70	61.7	72.0	62.1	...	1.6	2.0	1.5	5.5	5.5	4.6	1.95	
									1.7			5.2			
REDUCED TO SEA LEVEL.															
Max.	30.13	30.12	30.14	78	95	78	81.7								
Min.	29.43	29.55	29.43	48	63	51	57.3								
Mean	29.87	29.85	29.88												
Range	0.70	0.57	0.71	30	32	27	24.4								
Mean of month			29.867	...	...	...	65.2								
Extreme range			0.71	...	...	...	47.0								

Prevailing winds from some point between—	Days.
N. & E.	4
E. & S.	5
S. & W.	11
W. & N.	10

	Days.
Clear	7
Variable, Cloudy	7
Rain fell on	16

July, 1855. New Moon, 13d. 7h. 53m. P. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
S 1	29.68	29.64	29.65	76	93	76	81.7	S. W'ly 1	W'ly 2	Calm	1	0	0		1st. Very hot. Air fresh at mid-day. Evening perfectly calm and cloudless.
2	29.66	29.65	29.64	76	90	74	80.0	S. W. 1	S. W. 3	S. W. 1	0	0	0		2d. Very warm, with a fresh breeze.
3	29.86	29.88	29.91	72	86	66	74.7	N. W. 1	N. W. 2	N. W. 1	5	3	0		3d. Very fine.
4	29.91	29.86	29.85	68	81	72	73.7	S. E'ly 1	S'ly 2	S. W. 2	0	10	3		4th. Very fine. Air extremely damp in the evening.
5	29.84	29.83	29.88	70	87	70	75.7	S. W. 1	S. W. 2	S. W. 1	10	8	2	0.25	5th. Copious showers from 4 to 5 A. M Cloudy for the most part during the day; air damp.
6	29.90	29.83	29.77	71	78	70	73.0	S. W. 2	S. W. 2	S. W. 1	10	Rain	Rain	1.60	6th. Sprinkling of rain in the afternoon. Light shower in the evening.
7	29.73	29.62	29.73	70	73	63	68.7	N. E. 2	N. E. 1	N. E. 2	Rain	Rain	Rain		7th. Heavy showers at intervals during day.
S 8	29.76	29.86	29.98	60	73	62	65.0	N'ly 2	N. W. 1	N. W. 1	10	5	0		8th. Cloudy in the morning. Pleasant in the afternoon. Evening clear.
9	30.07	30.01	29.99	61	76	61	66.0	N. W. 1	S. W. 1	S. W. 1	0	0	0		9th and 10th. Very fine.
10	29.92	29.86	29.80	63	77	65	68.3	S. W. 1	S. W. 2	S. W. 1	5	4	0		11th. Light showers at intervals during day. Evening clear.
11	29.75	29.71	29.70	64	74	66	68.0	S. W. 1	S. W. 1	S. W. 1	10	10	0	0.15	12th. Pleasant. Sprinkling of rain from 5 to 6 P. M.
12	29.71	29.70	29.72	70	82	68	73.3	S'ly 1	S'ly 2	S. W. 1	5	0	Foggy		13th. Sun scorching hot and air damp. Sprinkling of rain from 9 to 10 P. M.
13	29.68	29.62	29.62	70	85	73	76.0	S. W. 1	S. W. 2	S. W. 1	10	4	Sprin'le		14th. Pleasant.
14	29.70	29.75	29.91	70	81	69	73.3	N. W. 1	N. E. 2	N. E. 1	0	3	6		15th. Very fine. Evening very clear.
S 15	30.06	30.05	30.09	71	83	64	72.7	N. E. 1	E'ly 1	S'ly 1	0	2	0		16th. Pleasant.
16	30.09	30.05	30.02	62	80	70	70.7	N. E. 1	S'ly 2	S'ly 2	5	3	10		17th. Very hot and sultry. Evening cloudless.
17	29.96	29.84	29.80	74	90	76	80.0	S. E'ly 1	S. W'ly 2	Calm	3	1	0		18th. Very hot and sultry. Brisk shower from 2 to 3 P. M.
18	29.82	29.76	29.76	78	90	76	81.3	S'ly 1	S. W. 2	W'ly 1	7	6	0, Sh'r	0.15	19th. Intensely hot. From 1 to 2 P. M., thermometer 95° in the shade, exposed to a brisk current of air; at 6 P. M., 89°; at 10 P. M., 81°—being the hottest day since July 13, 1849, when the same thermometer, in the same place, rose to 97°.
19	29.66	29.58	29.61	78	95	81	84.7	S'ly 1	W'ly 2	W'ly 1	2	3	0		20th. Heavy shower from 10 to 11 A. M. Light shower in the afternoon and evening.
20	29.73	29.78	29.88	75	68	65	68.3	N. E. 2	N. E. 2	N. E. 1	7	10	Rain	0.30	21st. Occasional sprinkling of rain. Very cool.
21	29.88	29.88	29.94	61	68	61	63.3	N. E. 2	N. E. 2	N. E. 2	Sprin'le	10	Sprin'le		22d. Pleasant,
S 22	29.98	29.97	29.99	62	74	61	65.7	N. E. 2	N. E. 2	N. E. 1	1	8	3		23d. Pleasant in the morning. Light shower in the afternoon.
23	29.97	...	...	63	...	...	...	N. E. 1	...	...	10	...	...	0.20	24th. Showery in the morning. Drizzling in the afternoon and evening
24	29.92	29.90	29.84	67	70	68	68.3	S. E. 1	S. E. 1	S. W. 1	10	Misty	Misty		25th. Sultry and oppressive.
25	29.78	29.73	29.72	74	87	80	80.3	S. W. 1	W. 1	0	7	5	8		26th. Heat oppressive in the morning. Shower in the afternoon.
26	29.74	29.68	29.64	76	86	74	78.7	Calm	S. E. 1	E'ly 1	8	9	Sprin'le	0.65	27th. Variable; sunshine and clouds.
27	29.57	29.67	29.73	75	78	67	73.3	N. W. 2	N. E'ly 3	N. E. 2	0	8	10		28th. Cloudy for the most part.
28	29.78	29.77	29.77	67	76	68	70.3	N. E. 1	N. E. 1	S'ly 1	10	10	7		29th. Light rain in the morning. Cloudy and rather sultry in the afternoon and evening.
S 29	29.77	29.76	29.78	67	73	69	69.7	S. E. 1	N. E. 1	Calm	Rain	10	10	0.15	30th. Cloudy and sultry.
30	29.78	29.75	29.72	68	80	72	73.3	N. E. 1	N. E. 1	S'ly 1	10	5	8		31st. Cloudy in the morning. Light shower from 1 to 2 P. M. Evening pleasant.
31	29.73	29.72	29.80	72	78	72	74.0	S'ly 1	S. W. 2	S. W'ly 1	10	Shower	2	0.10	
Means	29.82	29.79	29.81	69.4	80.4	69.0	...	1.2	1.7	1.2	6.0	5.9	5.0	3.25	
									1.4			5.6			
REDUCED TO SEA LEVEL.															
Max.	30.27	30.23	30.27	78	95	81	84.7								
Min.	29.75	29.76	29.79	60	68	61	63.3								
Mean	30.00	29.97	29.99												
Range	0.52	0.47	0.48	18	27	20	21.4								
Mean of month			29.987	...	...	...	72.9								
Extreme range			0.52	...	...	...	35.0								

Prevailing winds from some point between—	Days.
N. & E.	12
E. & S.	3
S. & W.	14
W. & N.	2

	Days.
Clear	8
Variable, Cloudy	9
Rain fell on	14

August, 1855. New Moon, 12d. 1h. 46m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.85	29.84	29.91	72	84	67	74.3	N. E. 1	N. E. 2	N. E. 1	5	5	2		1st. Pleasant.
2	29.93	29.95	29.98	67	83	66	72.0	N. E. 1	N. E. 2	N. E'ly 1	10	5	0		2d. Pleasant. Evening very clear.
3	30.01	29.96	29.97	66	77	66	69.7	S. W. 1	S. W. 2	S. W. 1	0	1	0		3d. Very fine.
4	29.78	29.64	29.69	64	84	69	72.3	S. W. 1	S. W. 2	S. W. 1	0	2	Rain	0.62	4th. Very hot sun in the morning. Thunder-showers from 6½ to 8 P. M.
S 5	29.71	29.67	29.65	65	74	66	68.3	N. E. 2	N. E. 2	N. E. 1	3	5	10		5th. Pleasant in the morning. Cool in the afternoon; wind N. E. Evening cloudy.
6	29.59	29.58	29.69	62	81	64	69.0	N. W. 1	N. W. 2	N. W. 1	3	5	0	0.20	6th. Shower last night. Pleasant during the day. Evening clear.
7	29.81	...	...	62	...	...	...	N. W. 1	...	...	0	...	...		8th. Rain in the evening.
8	...	...	...	...	...	...	...	...	...	...	...	...	...	1.20	9th. Heavy rain in the morning. Evening very warm.
9	...	...	29.20	...	...	78	...	...	...	S. W. 3	...	...	3		
10	...	29.38	29.61	...	76	62	...	...	W'ly 2	N. W. 1	...	2	0		10th. Very fine.
11	29.82	29.88	30.04	57	74	57	62.7	N. W. 2	N. E. 1	N. E. 1	0	3	0		11th. Very fine. Evening splendid.
S 12	29.98	30.08	30.02	56	74	59	63.0	E'ly 1	E'ly 1	E'ly 1	3	2	0		12th. Very fine. Evening cloudless.
13	29.89	29.84	29.82	58	78	69	68.3	S. W'ly 1	S. W. 2	W'ly 1	6	10	2		13th. Sprinkling of rain from 3 to 4 P. M. Evening fine.
14	29.85	29.88	29.93	67	80	65	70.7	N. W. 1	N. W. 1	N. W. 1	3	2	0		14th. Very pleasant.
15	29.94	29.93	29.81	63	77	67	69.0	N. W. 1	S. W. 2	S. W. 1	1	5	2		15th. Very fine.
16	29.73	29.63	29.63	71	84	74	76.3	S. W. 2	S. W. 3	S. W. 1	10	4	10		16th. Sultry and warm.
17	29.53	29.54	29.74	75	91	66	77.3	S. W. 2	S. W. 3	N. W. 2	8	6	0		17th. Very warm and sultry at mid-day. Cool and pleasant in the evening.
18	...	29.94	29.99	...	70	54	...	...	N. W. 2	N. W. 2	...	5	0		18th. Very fine.
S 19	30.10	30.10	30.15	53	70	55	59.3	N. W. 1	N. W. 2	N. W. 1	0	2	0		19th. Very fine. Evening splendid.
20	30.21	30.14	30.13	57	74	66	65.7	W'ly 1	S. W'ly 2	S. W. 1	0	10	0		20th and 21st. Very fine.
21	30.09	30.02	30.03	60	78	61	66.3	S. W. 2	S. W. 2	S. W. 1	2	0	0		
22	29.98	29.93	29.90	63	83	70	72.0	S. W. 1	S. W. 2	S. W. 1	5	7	Sprin'le		22d. Pleasant. Sprinkling of rain at 6 P. M. and in the evening.
23	29.74	29.63	29.59	72	83	73	76.0	S. W. 1	S. W. 2	S. W. 1	10	10	10		23d. Cloudy; air very damp, with occasional sprinkling of rain.
24	29.60	29.59	29.73	73	86	70	76.3	N. W. 1	N. W. 2	N. W. 1	0	2	0		24th. Very fine. Evening splendid.
25	29.88	29.93	30.01	68	79	60	69.0	N. W. 1	N. W. 2	N. E'ly 1	0	3	0		25th. Fine day. Evening very fine and cool.
S 26	29.96	29.91	29.80	60	70	68	66.0	N. E. 1	S. E. 1	S'ly 1	7	Rain	10		26th. Cloudy; occasional sprinkling of rain.
27	29.89	29.95	29.97	60	63	51	58.0	N. E. 2	N. E. 3	N. E. 2	10	10	8		27th. Very cool for the season.
28	29.94	29.78	29.94	48	67	51	55.3	N. E. 1	N. E. 1	N. E. 2	0	0	0		28th. Very cool; frost in some low places; day splendid.
29	29.87	...	29.71	60	...	59	...	E. N. E. 2	...	S. W. 2	0	...	2		29th. Fine day.
30	29.73	...	30.00	61	...	51	...	N. W. 2	...	N. W. 2	0	...	0		30th. Very fine.
31	...	30.12	...	...	68	...	...	...	W'ly 2	...	...	4	...		
Means	29.86	29.84	29.84	63.1	76.9	63.7	...	1.3	1.9	1.3	3.2	4.6	3.0	2.02	
									1.5			3.6			
REDUCED TO SEA LEVEL.															
Max.	30.39	30.32	30.33	75	91	86	77.3								
Min.	29.71	29.56	29.38	48	63	51	55.3								
Mean	30.04	30.02	30.02												
Range	0.68	0.76	0.95	27	28	35	22.0								
Mean of month		30.027		...	...	...	67.9								
Extreme range		1.01		...	...	...	43.0								

Prevailing winds from some point between— Days.

	Days.
N. & E.	7
E. & S.	2
S. & W.	11
W. & N.	10

	Days.
Clear	12
Variable, Cloudy	10
Rain fell on	8

(1 day omitted.)

September, 1855. New Moon, 11d. 5h. 46m. A. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	30.09	...	...	61	...	...	...	S. W'ly 2	...	...	10	...	...		1st. Cloudy in the morning; brisk wind. Clear in the afternoon.
S 2	29.71	29.68	29.86	78	85	63	75.3	W. 2	W. 3	N. W. 1	7	1	0		2d. Clear and pleasant, but windy.
3	29.90	29.88	29.95	57	64	56	59.0	N. W. 1	N. 1	N. E. 1	8	10	3		3d. Cloudy and cool.
4	30.00	30.00	30.13	54	68	50	57.3	N. 2	N. E. 2	N. E. 1	2	5	0		4th. Cool, but pleasant.
5	30.16	30.14	30.15	50	70	53	57.7	N. E. 1	N. E. 1	N. E. 1	1	2	0		5th and 6th. Very fine.
6	30.12	30.10	30.13	52	77	57	62.0	N. E. 1	N. E. 1	N. E. 1	0	0	0		7th. Very fine. Ground excessively dry.
7	30.10	30.01	29.96	56	77	62	65.0	N. E. 1	N. E. 1	S'ly 1	1	5	2		8th. Very hot sun.
8	...	...	29.75	63	85	73	73.7	S. W. 1	W'ly 2	N. W'ly 1	1	2	3		9th. Intensely hot sun.
S 9	29.72	29.69	29.68	72	88	71	77.0	W'ly 2	W'ly 2	N. W'ly 1	3	5	0		10th. Very fine.
10	29.75	29.72	29.78	62	79	61	67.3	N. W. 1	N. W. 2	N. W. 1	0	2	0		11th. Very fine. Sun scorching hot at noonday.
11	29.82	29.80	29.84	58	81	64	67.7	N. W. 1	N. W. 2	N. W. 1	0	0	0		12th. Sun extremely hot at mid-day, and vegetation perishing from drought.
12	29.82	29.72	29.68	65	90	76	77.0	S. W. 1	W'ly 2	N. W. 2	2	3	0		13th. Pleasant. Sprinkling of rain about 1 P. M. Evening clear and cool.
13	29.62	29.66	29.89	75	77	58	70.0	S. W. 2	N. W. 3	N. W. 2	5	10	0		14th. Cool and pleasant. Evening cloudy, with some appearances of rain.
14	30.02	30.02	30.04	52	68	53	57.7	N. W. 1	N. E'ly 2	N. E. 2	0	3	10		15th. Cloudy in the morning. Clear in the afternoon. Drought very severe.
15	30.02	29.95	29.93	52	72	57	60.3	N. E'ly 1	N. E. 1	S'ly 1	10	0	Hazy		16th. Light sprinkling of rain in the morning, not enough to lay the dust.
S 16	29.82	29.76	29.78	58	75	62	65.0	E'ly 1	S. W'ly 1	W'ly 1	Foggy	10	0		17th. Pleasant.
17	29.80	29.79	29.75	63	82	66	70.3	S. W. 1	S. W. 2	S. W. 1	5	3	0		18th. Sun very hot at mid-day. Cloudy at 2 P. M., with the thermometer at 87°. At 4 P. M., wind changed from W'ly to N. E., with a gust and light rain, and a very rapid fall of the temperature. During the eight hours from 2 to 10 P. M., the thermometer fell 39°. The quantity of rain since August 9th, a period of forty days, has been hardly more than enough to lay the dust.
18	29.57	29.42	29.79	70	87	48	68.3	S. W. 2	S. W. 2	N. E. 3	10	10	10		
19	29.90	29.98	30.17	46	56	41	47.7	N. E. 2	N. W. 2	N. W. 1	9	0	0		
20	30.17	30.10	30.03	38	62	47	49.0	N. W. 1	N. W. 2	W'ly	0	0	3		
21	29.90	29.81	29.77	46	70	62	59.3	N. W. 1	N. W. 1	N. W'ly 1	3	10	Rain		
22	29.72	29.74	29.89	56	68	56	60.0	N'ly 1	N. E. 1	N. E. 1	Sprin'le	5	10		
S 23	30.03	30.07	30.16	54	56	51	53.7	N. E. 2	N. E. 2	N. E. 1	Misty	10	5		19th. Fine, but cold for the season.
24	30.15	30.10	30.09	53	62	48	54.3	N'ly 1	N'ly 2	N'ly 1	2	1	0		20th. Very cold. Frost this morning in low places.
25	29.99	29.88	29.86	47	67	52	55.3	N. W'ly 1	N. W. 1	N. W. 1	8	2	0		21st. Pleasant. Began to rain moderately at 10 P. M.
26	29.76	29.64	29.59	53	73	63	63.0	S. W'ly 1	S. W'ly 2	S. W. 3	5	5	7		
27	29.44	29.48	29.68	63	69	54	62.0	S. W. 1	N. W. 1	N. W. 1	Rain	7	0	0.25	22d. Sprinkling of rain from 7 to 8 A. M.
28	29.85	29.89	29.91	45	63	47	51.7	N. W. 1	N. W. 2	N. W. 1	0	0	0		23d. Mist, and occasional sprinkling of rain.
29	30.08	30.04	30.06	42	64	49	51.7	N. W. 1	N. W. 1	N. W. 1	0	1	0		24th and 25th. Very fine.
S 30	30.04	29.96	29.92	48	66	56	56.7	S'ly 1	S. W. 2	S. W. 2	2	10	10		26th. Pleasant.
Means	29.90	29.86	29.90	56.3	72.4	57.1	...	1.3	1.7	1.3	4.5	4.3	2.9	0.25	27th. Light rain from 6 to 9 A. M. Evening very clear.
									1.4			3.9			
REDUCED TO SEA LEVEL.															
Max.	30.35	30.32	30.35	78	90	76	77.0								
Min.	29.62	29.60	29.77	38	56	41	47.3								
Mean	30.08	30.04	30.08												
Range	0.73	0.72	0.58	40	34	25	29.7								
Mean of month		30.067		...	...	...	61.9								
Extreme range		0.75		...	...	...	52.0								

Prevailing winds from some point between— Days.

	Days.
N. & E.	8
E. & S.	0
S. & W.	6
W. & N.	16

	Days.
Clear	9
Variable, Cloudy	16
Rain fell on	5

28th. Very fine; nearly cloudless.
29th. Very fine.
30th. Pleasant in the morning. Cloudy in the afternoon, with appearances of rain in the evening.

October, 1855. New Moon, 10d. 10h. 18m. P. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.75	29.68	29.61	60	66	62	62.7	S. E. 2	S. E. 2	E'ly 3	10	10	Rain	1.75	1st. Wind S. E'ly in morning, with occasional sprinkling of rain. Wind more E'ly in the evening, with sprinkling.
2	29.56	29.52	29.42	64	70	65	66.3	S. E. 2	S. E. 3	S. E'ly 2	Rain	10	Misty		2d. Rain and mist through the day, with heavy rain in the night.
3	29.46	29.30	29.39	64	70	64	66.0	S'ly 1	S'ly 3	S'ly 1	10	5	8		3d. Cloudy for the most part, with occasional mist.
4	29.38	29.33	29.37	60	67	53	60.0	N. W. 1	W'ly 2	N. E'ly 1	9	Sprin'le	Rain	0.15	4th. Pleasant in the morning. Sprinkling of rain from 1 to 2 P. M. Moderate rain in evening.
5	29.56	29.64	29.75	52	74	62	62.7	N. W. 1	N. W. 1	N. W. 1	5	0	10		5th. Pleasant.
6	29.68	29.52	29.38	62	74	66	67.3	S. W'ly 1	S'ly 2	S. W'ly 2	7	Rain	Rain	1.25	6th. Cloudy in morning. Began to rain gently from 4 to 5 P. M. Rain in the evening.
S 7	29.60	29.64	29.77	48	58	45	50.3	N. W. 2	N. W. 2	N. W. 1	0	0	0		7th. Very fine.
8	29.81	29.76	29.87	39	58	48	48.3	N. W. 1	N. W. 1	S. W'ly 1	0	3	0		8th and 9th. Pleasant.
9	29.88	29.86	29.93	46	60	52	52.7	N. W. 1	S. W. 1	S. W. 1	8	5	0		10th. Pleasant. Evening very clear and cool.
10	29.93	29.92	30.02	51	66	48	55.0	S. W. 1	S. W'ly 1	N. E. 1	0	2	0		11th. Pleasant.
11	29.97	29.86	29.77	47	65	52	54.7	N'ly 1	S'ly 1	E'ly 1	5	10	7		12th. Cloudy for the most part, with indications of rain.
12	29.65	29.58	29.53	52	66	56	58.0	S. E'ly 1	S. E. 3	E'ly 2	5	10	Sprin'le		13th. Pleasant.
13	29.54	29.57	29.70	51	55	47	51.0	S. W. 2	S. W. 2	S. W. 2	10	2	2		14th. Light showers in the morning, and again in the evening.
S 14	29.77	29.74	29.62	40	56	47	47.7	E'ly 1	S. E'ly 2	N. E. 2	10	2	Rain	0.15	15th. Pleasant.
15	29.76	29.74	29.79	40	54	48	47.3	W'ly 2	N. W'ly 1	S. W'ly 1	0	0	3		16th. Very fine.
16	29.77	29.76	29.86	48	62	47	52.3	N. W. 1	N. W. 3	N. W. 1	0	2	3		17th. Very fine; evening cloudless.
17	29.91	29.86	29.88	38	52	39	43.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		18th. Very fine.
18	29.83	29.76	29.83	38	61	45	48.0	N. W. 1	S. W. 1	N. W. 1	2	1	0		19th. Very mild and pleasant.
19	29.86	29.85	29.89	41	63	56	53.3	N. W. 1	S'ly 2	S'ly 1	2	3	Foggy		20th. Cloudy; air damp. Began to rain at 8 P. M.
20	29.93	29.96	29.79	55	64	59	59.3	S'ly 1	S'ly 1	E'ly 1	10	10	Rain	1.00	21st. Cloudy, with occasional mist. Air mild.
S 21	29.66	29.57	29.57	56	59	56	57.0	N. E'ly 1	N. E. 1	N. E. 1	10	10	10		22d. Cloudy, with occasional mist.
22	29.58	...	29.64	59	...	52	...	S'ly 1	...	S'ly	10	...	10		23d. Pleasant in the morning. Sprinkling of rain in the evening.
23	29.70	29.69	29.75	41	55	46	46.7	N. W. 2	N. W. 1	N'ly 1	3	0	Sprin'le		24th. Heavy showers at intervals. I neglected to record the quantity of rain that fell this day, and am indebted to Z. Allen, Esq., for supplying the omission.
24	29.63	29.39	29.38	45	52	54	50.3	N. E. 2	N. E. 2	S. E'ly 1	Misty	Rain	Misty	0.78	25th. Quite cool. Evening splendid.
25	29.44	29.52	29.77	46	51	37	44.7	S. W. 2	N. W. 2	N. W. 2	10	3	0		26th. Pleasant.
26	29.89	29.88	29.80	35	51	41	42.3	W'ly 2	N by W. 1	S. W. 1	0	3	6		27th. Pleasant. Evening fine.
27	29.64	29.50	29.58	43	53	40	45.3	S. W. 1	S. W. 3	N. W. 1	6	7	0		28th. Variable and blustering. Thundershower from 8 to 9 A. M.; then sunshine, followed by clouds and sprinkling of rain. Evening cool and clear. At 10 P. M., barometer stood at 29.20, being the lowest for the month.
S 28	29.17	29.17	29.65	41	48	38	42.3	N. E. 1	N. W. 2	N. W. 1	Rain	Sprin'le	0	0.25	29th. Very fine.
29	29.82	29.85	29.88	33	51	37	40.3	N. W. 1	N. W. 2	S. W. 1	0	0	0		30th. Pleasant.
30	29.74	29.67	29.97	45	59	44	49.3	S. W. 1	S. W. 2	S. W. 1	5	10	0		31st. Very fine. Up to the close of this month, there has been no frost on College Hill to injure the most delicate plants.
31	30.16	30.15	30.11	35	53	41	43.0	N. W. 1	S. W. 1	S. W. 1	0	0	2		
Means	29.71	29.67	29.72	47.6	59.8	49.9	...	1.3	1.8	1.3	5.3	4.9	5.3	5.33	
									1.5			5.2			
REDUCED TO SEA LEVEL.															
Max.	30.34	30.33	30.29	64	74	66	67.3								
Min.	29.35	29.35	29.55	33	48	37	40.3								
Mean	29.89	29.85	29.90												
Range	0.99	0.98	0.74	31	26	29	27.0								
Mean of month			29.880	...	...	...	52.4								
Extreme range			0.99	...	...	...	41.0								

Prevailing winds from some point between—	Days.
N. & E.	2
E. & S.	5
S. & W.	12
W. & N.	12

	Days.
Clear	9
Variable, Cloudy	13
Rain fell on	9

November, 1855. New Moon, 9d. 2h. 24m. P. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.01	29.79	29.75	45	61	57	54.3	S'ly 1	S'ly 1	S'ly 1	10	10	Foggy		1st. Very mild. Warm fog in the evening.
2	29.73	29.76	29.92	53	52	47	50.7	N. E. 1	N. E. 2	N. E. 2	Misty	10	10		2d. Cloudy, with some mist.
3	29.96	29.98	29.97	46	49	45	46.7	N. E. 1	N. E. 1	N. E. 1	10	Sprin'le	Rain	0.75	3d. Cloudy in the morning, with mist. Light rain in the afternoon, increasing in the evening.
S 4	29.98	29.99	30.11	44	46	43	44.3	N. E. 2	N. E. 2	N. E. 2	10	10	10		4th. Cloudy through the day, with occasional rain.
5	30.16	30.15	30.16	38	47	44	43.0	N. E. 1	N. E. 2	N. E. 2	10	10	10		5th. Cloudy, with some mist.
6	30.11	30.02	30.01	44	53	46	47.7	N. E. 1	E'ly 2	N. E. 1	10	10	Misty		6th. Mild and cloudy, with occasional mist.
7	29.99	29.91	29.88	46	54	49	49.7	N. E. 2	N. E. 1	N. E. 1	Misty	10	10		7th. Clouds and mist.
8	29.86	29.81	30.00	46	56	47	49.7	N. E. 1	N. E'ly 1	N. W. 1	Misty	Misty	3		8th. Clouds and mist. Sun appeared for a short time from 10 to 11 A. M. Mostly clear at 10 P. M.
9	30.10	30.09	30.22	40	54	38	44.0	N. W. 1	N. W. 2	N. W. 1	0	1	0		9th, 10th, and 11th. Very fine.
10	30.24	30.13	30.11	34	51	43	42.7	N. W. 1	N. W. 1	N. W. 1	0	0	2		12th. Cloudy in the morning. Began to rain moderately from noon to 1 P. M., and continued through the night.
S 11	30.07	30.09	30.13	43	54	49	48.7	Calm	Calm	N. E. 1	3	2	10		13th. Very fine. Evening splendid. Looked for meteors—this being the anniversary of the great shower, but none appeared.
12	30.13	30.06	29.92	49	53	49	50.3	N. E. 2	N. E. 2	N. E. 2	10	Rain	Rain	2.15	14th. Very fine.
13	29.86	29.87	29.97	45	56	44	48.3	N. E. 2	N. W. 2	N. W. 1	10	2	0		15th. Very mild and pleasant.
14	29.99	29.94	29.95	40	61	45	48.7	N. W. 1	N. W. 1	N. W. 1	2	3	0		16th. Pleasant. Appearances of storm in the evening.
15	29.96	29.92	29.86	42	56	50	49.3	N. W. 1	S'ly 1	S. W'ly 1	2	4	10		17th. Cloudy for the most part. Began to hail and rain from 3 to 4 P. M. Frost this morning, being the first of the season to injure plants on College Hill.
16	29.67	29.44	29.61	52	66	46	54.7	S. W. 2	S. W. 3	N. E. 3	7	9	10		18th. Mild. Cloudy in morning, with sprinkling. Evening clear.
17	29.92	29.98	29.84	29	36	32	32.3	N. W. 2	N. E. 2	N. E. 2	5	10	Rain	0.60	19th. Very fine.
S 18	29.69	29.75	29.79	35	40	32	35.7	N. E. 1	N. W. 2	N. W. 2	10	4	0		20th. The first cold day of the season.
19	29.83	29.82	29.95	30	39	27	32.0	N. W. 1	N'ly 2	N. W. 1	2	8	1		21st. Light snow in the morning, which melted as it fell. Rain in the afternoon.
20	30.07	30.08	30.11	20	30	25	25.0	N. W. 1	N. W. 2	N. W. 1	0	2	3		22d. Wind cold and searching. Splendid evening.
21	29.99	29.66	29.54	28	35	35	32.7	N. E. 1	E'ly 1	N. E'ly 1	Snow	Rain	Misty	0.25	23d. Cloudy in the afternoon, with appearances of storm.
22	29.67	...	30.09	30	28	20	26.0	N. W. 3	N. W. 3	N. W. 1	2	2	0		24th. Very blustering. Cold and splendid evening.
23	29.96	29.53	29.37	20	42	43	35.0	S. W. 1	S. W. 2	S. W. 3	7	8	10		25th. Morning cold. Wind S. W. and fresh in the afternoon. Began to rain moderately from 5 to 6 P. M.
24	29.50	...	29.98	36	...	23	...	N. W. 4	...	N. W. 1	2	...	0		26th. Variable. Pleasant in morning. Sprinkling of rain from 5 to 6 P. M. Evening clear.
S 25	30.07	29.86	29.49	23	42	50	38.3	W. 1	S. W. 1	S. W. 2	2	10	Rain		27th. Very fine.
26	29.39	...	29.39	46	...	38	...	S. W. 2	...	N. W. 2	5	...	0		28th. Pleasant.
27	29.62	29.55	29.40	30	40	37	35.7	N. W. 1	N. W. 1	N. W. 1	0	0	0		29th. Cloudy in the morning. Clear for the most part in the afternoon.
28	29.27	29.16	...	36	47	...	...	N. W. 2	W'ly 2	...	3	5	...		30th. Very fine.
29	29.24	...	...	32	...	...	...	N'ly 5	...	...	10	...	...		
30	...	29.86	29.91	...	37	29	...	...	N. W. 1	N. W. 1	...	0	1		
Means	29.86	29.85	29.87	38.0	47.6	40.5	...	1.6	1.7	1.4	5.9	6.4	5.4	3.75	
									1.6			5.9			
REDUCED TO SEA LEVEL.															
Max.	30.42	30.31	30.40	53	66	57	54.7								
Min.	29.42	29.34	29.55	20	28	20	25.0								
Mean	30.04	30.03	30.05												
Range	1.00	0.97	0.85	33	38	37	29.7								
Mean of month			30.040	...	...	...	42.0								
Extreme range			1.08	...	...	...	46.0								

Prevailing winds from some point between—	Days.
N. & E.	11
E. & S.	0
S. & W.	6
W. & N.	13

	Days.
Clear	7
Variable, Cloudy	15
Rain fell on	8

December, 1855. New Moon, 9d. 5h. 10m. A. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.77	29.68	29.67	31	49	37	39.0	S. W. 1	S. W. 2	S. W. 2	0	1	0		1st. Very fine.
S 2	29.51	29.30	29.17	38	51	47	45.3	S. W. 1	S. W. 1	W'ly 2	Foggy	10	5		2d. Cloudy, with dense fog, in the morning. Stars out at 10 P. M., with wind light at W'ly.
3	29.37	29.46	29.68	35	46	35	38.7	W'ly 1	N. W. 1	N. W. 1	0	5	0		3d, 4th, and 5th. Very fine.
4	29.77	29.87	29.95	35	43	34	37.3	N. W. 1	N. W. 2	N. W. 1	0	5	10		6th. Mild for the season.
5	29.98	29.90	29.91	32	45	36	37.7	S. W. 1	W'ly 1	S. W. 1	2	0	0		7th. Pleasant. Evening cooler, and very clear.
6	29.89	29.83	29.81	29	44	38	37.0	N. E. 1	N. E. 1	N. E. 1	3	5	10		8th. Very fine.
7	29.82	29.80	29.91	34	42	31	35.7	N. W. 2	N. W. 2	N. W. 2	8	5	0		9th. At sunrise, wind very light E'ly; cloudy. Rain began to fall gently about 8 A. M., which gradually increased, and continued through day.
8	29.92	29.88	29.84	26	41	28	31.7	N. W. 1	N. W. 2	N. W. 1	0	0	0		Barometer fell rapidly, and wind hauled to S. E.
S 9	29.62	29.18	28.77	32	45	54	43.7	E'ly 1	S. E. 3	S. W. 2	10	Rain	8	1.75	and grew fresh. At 1 P. M., bar. 29.28, wind fresh S.E.; at 6 P. M., 28.98, wind heavy S.E.; at 8 P. M.,
10	28.94	29.10	29.38	37	41	30	36.0	W'ly 3	W'ly 3	N. W. 2	0	0	0		28.90, raining moderately, wind high; at 9 P. M.,
11	29.51	29.63	29.87	28	25	22	25.0	N. W. 2	N. W. 3	N.W'ly 3	9	4	0		28.87, wind S.W'ly and abated, with clouds broken
12	30.20	30.21	30.32	18	29	20	22.3	N.W'ly 2	N. W. 4	N. W. 1	0	0	0		and stars out.
13	30.30	30.12	30.15	23	30	24	25.7	S. E'ly 1	S'ly 1	S'ly 2	Snow	Snow	2	0.20	10th. Very fine.
14	30.33	30.31	30.32	19	34	26	26.3	N. W. 1	S. W. 1	S. W'ly 1	0	2	5		11th. Cloudy in the morning. Clear evening, and wind blustering at N. W.
15	30.21	30.07	29.97	32	38	35	35.0	E'ly 2	E'ly 1	N. E. 1	Hail	Rain	Misty		12th. Clear and cold.
S 16	29.88	29.73	29.59	35	38	50	41.0	S. E'ly 1	N. E. 1	S. W. 1	Rain	Rain	10	0.85	13th. Light snow from S. E'ly in the morning.
17	29.64	29.60	29.63	40	47	37	41.3	W'ly 1	N. W. 1	N. W. 1	10	8	0		14th Pleasant. From one to two inches of light snow on the ground.
18	29.77	29.82	30.04	31	35	26	30.7	N. W. 1	N. W. 3	N. W. 1	0	5	0		15th. Wind light E'ly, with moderate rain and mist all day.
19	30.07	30.00	29.95	24	35	27	28.7	N. W. 2	N. W. 2	N. E. 2	3	3	10		16th. Moderate rain nearly all day.
20	29.99	29.99	30.10	21	30	22	24.3	N. W. 1	N. W. 2	N. W. 1	1	1	0		17th. Very mild and pleasant.
21	30.09	29.99	29.79	22	38	41	33.7	N. W. 1	S. W. 1	S. W. 2	9	10	Rain	} 0.70	18th. Pleasant. Evening very fine; bow around
22	29.76	29.69	29.43	39	41	49	43.0	S. W. 1	S. W. 1	S. W. 3	10	Sprin le	Rain		the moon.
S 23	29.46	29.56	29.73	48	53	40	47.0	W S.W. 3	W. 2	W'ly 1	0	0	2		19th. Appearances of storm in the evening.
24	29.95	29.98	30.08	40	42	30	37.3	N. W. 1	N. W. 1	N. E. 3	10	9	10		20th. Very fine. Evening cool, but splendid.
25	29.99	29.87	29.45	32	28	29	29.7	N. E. 2	N'ly 2	N'ly 1	10	Rain	Misty	1.10	21st. Morning cold. Afternoon mild. Sprinkling of rain in the evening.
26	29.14	29.53	29.99	33	22	18	24.3	W'ly 2	N. W. 3	N. W. 2	8	0	0		22d. Light showers through the day. Rain in the evening.
27	30.24	30.26	30.28	14	20	16	16.7	N. W. 2	N. W. 2	N. W. 2	0	0	0		23d. Uncommonly mild and pleasant for the season.
28	30.11	29.95	...	18	29	...	...	S. W. 1	S. W. 2	N.W'ly 1	10	Snow	0		24th. Mild in the morning. Cooler in the afternoon, with the wind hauling N. E, and appearances of storm.
29	30.07	29.97	29.56	8	18	21	15.7	N'ly 2	N'ly 2	N. E. 2	1	10	Snow	1.50	25th. Light rain and mist, which froze as it fell.
S 30	29.22	29.41	29.71	32	28	18	26.0	W'ly 2	N. W. 1	N. W. 1	Snow	0	0		26th. Trees covered with ice this morning, and appearing splendidly in the sun. The day cold and blustering
31	29.92	29.93	29.97	10	25	15	16.7	S. W. 1	S. W. 1	S. W. 1	0	2	10		27th. Cold, but fine. The ground and trees still covered with ice.
Means	29.82	29.79	29.80	28.8	36.5	31.2	...	1.5	1.8	1.5	4.9	5.0	4.2	6.10	28th. Snowed moderately from 9 A. M. to 3 P. M. Clear and cold at night.
									1.6			4.7			29th. Cloudy in the afternoon. Began to snow from 5 to 6 P. M.
REDUCED TO SEA LEVEL.															30th. About nine inches of heavy snow on the ground this morning, and snowing at sunrise. Clear in the afternoon and evening.
Max.	30.51	30.49	30.50	48	53	54	47.0								31st. Cold, but pleasant.
Min.	29.12	29.28	28.95	8	18	15	15.7								
Mean	30.00	29.97	29.98												
Range	1.39	1.21	1.55	40	35	39	32.3								
Mean of month		29.983		...	...	...	32.2								
Extreme range		1.56		...	...	...	46.0								

Prevailing winds from some point between— Days.

N. & E.	6
E. & S.	1
S. & W.	8
W. & N.	16

	Days.
Clear	10
Variable	11
Cloudy	
Rain or snow fell on	10

January, 1856. New Moon, 7d. 6h. 9m. P. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.94	30.02	30.24	15	29	18	20.7	N. W. 1	N. W. 1	N. W. 1	2	3	0		1st. Very fine.
2	30.31	30.28	30.02	11	24	25	20.0	N. W. 2	N. W. 2	N. E. 1	5	9	Rain		2d. Morning cold. Afternoon moderate. Began to mist and rain at 7 to 9 P. M., freezing as it fell.
3	29.72	29.56	29.70	32	32	30	31.3	N. E. 1	N'ly 1	N. W. 2	Rain	Misty	2	1.00	3d. Mist and light rain in morning. Trees covered with brilliant ice. Mostly clear at 10 P. M.
4	30.04	30.21	30.37	16	20	5	13.7	N. W. 2	N. W. 2	N. W. 1	0	0	0		4th. Fine. Evening still and very cold.
5	30.34	30.18	29.74	3	11	10	8.0	N. W. 1	N. W. 1	N. E. 3	10	10	Snow	} 2.50	5th. Wind light N. W. in morning. Began to
S 6	29.50	29.70	29.91	12	19	13	14.7	N. E. 4	N. W. 2	N. W. 2	Snow	2	0		snow from 4 or 5 P. M.; wind N. E. Storm severe.
7	30.05	30.03	29.79	4	21	21	15.3	N. W. 1	N. W. 1	N'ly 1	1	2	10		6th. Violent storm this morning. Snow deep and very badly drifted. Sun appeared at 11 A. M.
8	29.63	29.50	29.67	27	30	4	20.3	N. W. 1	S. W. 2	N. W. 2	10	2	0		Quite clear at 2 P. M., with wind changed from
9	29.80	29.79	29.80	—8	2	—7	—4.3	N.W'ly 1	W.N.W. 2	N. W. 1	0	0	0		N. E. to N. W., and much abated. Snow probably
10	29.73	29.74	29.81	—4	10	18	8.0	W. 2	W.S.W. 2	S. W'ly 2	0	0	0		eighteen or twenty inches deep on the level.
11	29.94	30.01	30.17	16	27	14	19.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		7th. Pleasant in the morning. Mild in the afternoon, with some appearances of storm.
12	30.23	30.20	30.07	8	27	21	18.7	N. W. 1	N. W. 1	N. E. 2	0	10	10		8th. Mild. About two inches of light snow fell
S 13	29.43	29.08	29.13	34	37	31	34.0	N. E. 3	N. E. 2	N. E. 1	Rain	Rain	Misty		last night. Grew cold very fast about sunset,
14	29.30	29.36	29.41	24	30	21	25.0	N. E. 1	N'ly 2	N'ly 2	Snow	10	10	1.50	with a gust of wind from N. W'ly.
15	29.43	29.41	29.45	16	29	18	21.0	W'ly 1	N. W. 2	N. W. 1	1	4	0		9th. Wind moderate at W. N.W.; cold intense.
16	29.51	29.41	29.46	15	31	24	23.3	N. W. 1	N. W. 1	N. W. 1	0	0	3		10th. More moderate. 11th. Very fine.
17	29.40	29.27	29.43	25	32	30	29.0	W'ly 1	W'ly 1	N. W. 2	Snow	10	10		12th. Pleasant in the morning. Appearances of storm in the evening.
18	29.55	29.56	29.60	28	36	23	29.0	W'ly 1	W'ly 1	Calm	8	2	0		13th. Heavy wind from N. E., and rain at sunrise, four or five inches of snow having fallen during the night before the rain commenced.
19	29.55	29.53	29.74	18	35	9	20.7	N. W. 1	N. W. 1	N. W. 2	0	10	0		
S 20	29.69	29.53	29.44	6	17	12	11.7	N. W. 2	N'ly 1	N. W. 1	2	10	2		14th. Air full of snow in the morning.
21	29.49	29.46	29.47	10	20	11	13.7	N. W. 1	N. W. 1	N. W. 1	1	8	2		15th. Pleasant. Evening very fine.
22	29.55	29.56	29.66	6	22	14	14.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		16th. Very fine.
23	29.63	29.64	29.69	15	30	22	22.3	N. W. 2	N. W. 1	N. W. 1	0	2	0		17th. Snowing at sunrise this morning; about an inch of fresh snow on the ground.
24	29.77	29.68	29.64	12	31	23	22.0	S. W'ly 1	S. W. 2	S. W. 1	0	0	...		18th. Very fine. Evening splendid.
25	29.88	29.90	30.09	7	6	5	6.0	N. W. 4	N. W. 4	N. W. 2	0	0	0		19th. Cloudy in the afternoon; wind N. W. At sunset, wind N. E'ly, which again came to N.W., and grew very cold. Very clear at 10 P. M.
26	30.09	29.97	29.95	4	22	14	13.3	N. W. 3	N. W. 2	N. W. 1	0	0	0		
S 27	29.84	29.69	29.54	12	31	22	21.7	N. W. 1	N. W. 1	W'ly 1	3	10	Snow		20th. Morning cold. 21st. Pleasant.
28	29.48	29.34	29.61	24	21	16	20.3	N. E. 2	N. E. 2	N. W. 1	Snow	Snow	2	0.25	22d. Very fine. Evening splendid.
29	29.70	29.65	29.58	21	31	27	26.3	W'ly 1	S'ly 2	S'ly 1	10	10	10		23d. Very fine. Evening mild and clear.
30	29.49	29.44	29.54	26	29	16	23.7	S. W'ly 1	W'ly 2	N. W. 1	10	10	0		24th. Very fine. Evening mild and cloudy.
31	29.70	29.72	29.73	12	21	14	15.7	N. W. 2	N.W'ly 2	N. W. 1	0	0	0		25th. Very cold; wind high at N. W. As severe a day to be out as any during the winter.
Means	29.73	29.69	29.72	14.4	24.6	16.9	...	1.6	1.6	1.4	4.0	5.0	3.3	5.25	26th. Very fine.
									1.5			4.1			27th. Pleasant. Light snow in the evening.
REDUCED TO SEA LEVEL.															28th. Moderate snow during the day. Clear in the evening.
Max.	30.52	30.46	30.55	34	37	31	34.0								29th. Mild and pleasant. From four to five inches of fresh snow on the ground.
Min.	29.48	29.26	29.31	—8	2	—7	—4.3								30th. Air full of snow in the morning. Evening clear.
Mean	29.91	29.87	29.90												31st. Very fine. The great body of snow which fell on the 5th and 6th remains undiminished; the thermometer having risen above the freezing point on but three days during the month; and the whole time of its continuance above that point would, probably, not exceed thirty-six hours.
Range	1.04	1.20	1.24	42	35	38	38.3								
Mean of month		29.893		...	...	...	18.6								
Extreme range		1.26		...	...	...	45.0								

Prevailing winds from some point between— Days.

N. & E.	5
E. & S.	0
S. & W.	4
W. & N.	22

	Days.
Clear	12
Variable	11
Cloudy	
Rain or snow fell on	8

February, 1856. New Moon, 6d. 5h. 27m. A. M.

DAYS.	BAROMETER, reduced to 32° F			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.59	29.51	29.35	15	31	26	24.0	N. E. 1	N. E. 1	N. E'ly 1	10	Snow	10		1st. Cloudy, with a dusting of snow.
2	29.38	29.29	29.43	21	24	7	17.3	N. W. 1	N. W. 2	N. W. 2	2	0	0		2d. Pleasant. Air grew very cold in evening.
S 3	29.42	29.36	29.41	0	12	6	6.0	N.W'ly 3	W N W 3	N. W. 2	0	0	0		3d. Very clear and cold.
4	29.44	29.44	29.52	2	16	7	8.3	N. W. 2	N.W'ly 2	N. W. 1	0	1	0		4th. Cold, but not severe.
5	29.64	29.60	29.93	8	20	11	13.0	N.W'ly 1	N. W. 2	N. W. 2	5	0	0		5th. Pleasant.
6	30.15	...	30.17	8	...	18	...	N. W. 2	...	S. W'ly 1	0	...	10		6th. Fine through the day. Evening cloudy.
7	30.06	29.53	29.53	21	37	34	30.7	S'ly 1	S'ly 2	S. W'ly 1	10	Rain	3	0.50	7th. Light snow in the morning. Light rain in the afternoon. Clear in the evening.
8	29.64	29.61	29.64	30	34	24	29.3	N. W. 1	N. W. 2	N'ly 1	2	9	10		8th. Pleasant. Some appearances of storm in the evening.
9	29.55	29.50	29.72	20	28	14	20.7	N'ly 1	N'ly 1	N. W. 2	Snow	5	0		9th. Light snow in the morning—less than one inch deep. Evening clear.
S 10	29.92	29.87	29.91	9	25	20	18.0	N. W. 1	N. W. 2	N. W. 1	2	1	10		10th. Pleasant.
11	29.84	29.68	29.31	24	40	36	33.3	S. W'ly 1	S. W'ly 1	S. E'ly 1	8	7	Rain	0.25	11th. Pleasant in the morning. Cloudy in the afternoon. Began to rain moderately from 8 to 9 P. M.; wind light S. E'ly.
12	28.94	28.91	29.43	36	36	7	26.3	S. W. 1	S. W. 3	N. W. 3	9	Snow	0		12th. Warm in the morning. Very heavy and sudden snow-squall at a quarter before 1 P. M., which continued for half an hour, the wind in the mean time changing from S. W. to N. W. The thermometer, which at noon stood at 45°, fell very rapidly after the squall. Evening clear and piercing cold.
13	29.74	29.79	29.87	0	8	2	3.3	N. W. 1	N. W. 2	N. W. 1	1	1	2		13th. Very cold, with light wind.
14	29.94	29.89	29.85	—3	13	7	5.7	N. W. 1	N. W. 2	N. W. 1	0	1	7		14th. Cold, but not severe.
15	29.72	29.53	29.41	10	25	24	19.7	S. W'ly 1	S. W'ly 1	S. W'ly 1	4	10	Snow	0.05	15th. Occasional snow-flakes in the air in the morning. Light snow in the evening.
16	29.14	29.03	29.10	30	40	30	33.3	Calm	S. W. 1	S. W. 1	Foggy	0	5		16th. Thick fog in the morning, with a dead calm. Then a brisk shower of fine hail; then sunshine. Evening mild and hazy.
S 17	28.90	29.87	29.05	33	20	12	21.7	S'ly 1	N. W. 3	N. W. 4	Foggy	Snow	6		17th. Very mild at sunrise; wind light S'ly, which came to N. W., and grew cooler, before 9 A. M. Severe snow-squall from 1 to 2 P. M Afternoon and evening very blustering and cold.
18	29.14	29.19	29.33	10	18	10	12.7	W. 4	W'ly 4	W'ly 4	0	10	10		18th. Very cold and blustering.
19	29.59	...	29.65	13	...	17	...	N.W'ly 3	...	Nl'y 1	0	...	4		19th. Pleasant.
20	29.57	29.40	29.42	24	32	27	27.7	S. W'ly 1	W'ly 1	S. W. 1	10	10	10		20th. Cloudy. Weather mild.
21	29.40	29.40	29.49	31	38	27	32.0	S. W'ly 2	W'ly 1	N. W. 1	10	5	0		21st. Pleasant. Cloudy in the morning. Clear in the evening.
22	29.51	29.40	29.53	24	41	31	32.0	N. W. 1	N. W. 1	Calm	0	0	Hazy		22d. Very fine. Thick haze in the evening, with a fog-bow around the moon.
23	29.45	29.15	29.25	27	41	34	34.0	S. W'ly 1	S'ly 1	S. W. 2	3	10	10		23d. Pleasant.
S 24	29.33	29.36	29.45	29	32	22	27.7	N. W. 1	N. W. 3	N. W. 2	3	3	0		24th. Wind brisk and cold.
25	29.43	29.38	29.40	19	31	24	24.7	N. W. 1	N. W. 2	W'ly 2	0	10	2		25th. Pleasant.
26	29.57	29.52	29.70	19	32	24	25.0	N. W. 1	N. W. 3	N. W. 2	0	0	0		26th. Very fine.
27	29.73	29.68	29.54	20	39	26	28.3	N. W. 1	N. W. 2	N. W. 1	0	10	0		27th. Pleasant.
28	29.66	29.67	29.73	19	33	25	25.7	N. W. 1	N. W. 2	N. W. 2	0	5	5		28th. Pleasant. Air chilly towards night.
29	29.80	29.80	29.91	20	34	27	27.0	N. W. 2	N. W. 2	N. W. 1	3	2	10		29th. Pleasant.
Means	29.56	29.49	29.55	19.2	28.9	20.0	...	1.4	1.9	1.6	3.9	5.2	5.0	0.80	
								1.6			4.7				
REDUCED TO SEA LEVEL.															
Max.	30.33	30.07	30.35	36	41	34	34.0								
Min.	29.08	29.09	29.23	—3	8	2	3.3								
Mean	29.74	29.67	29.73												
Range	1.25	0.98	1.12	39	33	32	30.7								
Mean of month			29.713	...	...	...	22.7								
Extreme range			1.27	...	...	...	44.0								

Prevailing winds from some point between—	Days.
N. & E.	1
E. & S.	0
S. & W.	7
W. & N.	21

	Days.
Clear	8
Variable, Cloudy	13
Rain or snow fell on	8

March, 1856. New Moon, 6d. 3h. 40m. P. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.00	29.97	29.82	23	36	28	29.0	N. W. 2	S'ly 2	E'ly 2	0	0	Snow	0.90	1st. Mild and pleasant in the morning. Grew chilly and clouded up towards night. Began to snow from 8 to 9 P. M.
S 2	28.98	28.97	29.18	34	41	33	36.0	S'ly 1	N. W. 1	N. W. 2	10	10	10		2d. About four inches of very wet snow on the ground this morning, being the result of rain and snow during the night. Clouds broken, and sun out at intervals.
3	29.62	29.67	29.95	22	30	20	24.0	W. 3	W.byN. 4	N. W. 1	0	2	0		3d. Very blustering and cold.
4	30.05	29.85	29.48	16	35	30	27.0	W. 1	S. W. 3	W'ly 2	0	5	10		4th. Pleasant in the morning. A sudden and heavy squall of wind from S. W'ly at about 9 P. M., which lasted half an hour, and ended with a blast of snow.
5	29.69	29.70	29.73	20	32	20	24.0	W. 2	N. W. 2	N. W. 1	0	8	0		5th. Pleasant.
6	29.50	29.22	29.42	28	42	23	31.0	S. W. 2	S. W. 2	N. W. 2	10	2	10	0.20	6th. Mild in the morning. Snowed from 9 A. M. to noon. Clear and pleasant from 2 to 4 P. M. Flurry of snow from 8 to 9 P. M., and colder.
7	29.67	29.72	29.69	17	24	22	21.0	N. W. 2	N.W'ly 2	N.W'ly 1	0	0	10		7th. Raw and cold.
8	29.58	29.49	29.71	28	40	12	26.7	S. W. 2	S. W. 2	N. W. 4	10	1	0		8th. Light flurry of snow last night. Very mild in the morning. Grew cold towards night. Evening very cold, and wind blustering at N. W.
S 9	29.80	29.80	29.82	4	13	10	9.0	N. W. 2	W'ly 3	N. W. 2	0	0	10		9th. Wind piercing, and cold very severe.
10	29.70	29.67	29.72	—2	11	4	4.3	N. W. 1	N. W. 3	N. W. 2	0	0	0		10th. Excessively cold. Wind severe and cutting. With the exceptions of January 5th and February 13th, this is the coldest day of the winter, the mean temperature being 4°.3.
11	29.57	29.42	29.31	6	27	18	17.0	W'ly 2	W.S W. 4	W'ly 2	0	10	2		11th. More moderate.
12	29.33	29.41	29.49	11	23	15	16.3	W'ly 2	N.W'ly 3	N. W. 2	0	0	0		12th. Light snow-squall from 9 to 10 A. M. Cold and blustering in the evening.
13	29.57	29.59	29.71	15	31	23	23.0	W'ly 1	N. W. 2	W'ly 1	0	0	0		13th, 14th, and 15th. Very fine.
14	29.75	29.76	29.80	24	37	27	29.3	N. W. 2	N. W. 2	N. W. 1	7	2	0		16th. Pleasant.
15	29.82	29.73	29.82	29	42	31	34.0	S. W. 2	S. W. 2	N. W. 1	9	5	0		17th. Wind rather blustering. Evening splendid.
S 16	29.83	29.76	29.73	25	37	30	30.7	N. W. 2	N. W. 2	W'ly 1	0	7	8		18th. Very fine.
17	29.81	29.83	29.93	24	38	30	30.7	N. W. 2	N. W. 3	N. W. 1	0	3	0		19th. Snow began to fall gently between 10 and 11 A. M., and continued falling through the day and evening.
18	29.98	29.94	29.97	26	41	29	32.0	N. W. 1	N. W. 2	N. W. 1	0	0	2		20th. From 4 to 5 inches of damp snow on the ground this morning, of which the greater part disappeared during the day.
19	29.83	29.58	29.58	28	35	30	31.0	E'ly 1	S. E. 1	S. E. 1	10	Snow	Snow	0.45	21st. Mild, with appearances of storm.
20	29.58	29.55	29.60	32	43	31	35.3	Calm	S. W. 1	S. W'ly 1	10	9	8		22d and 23d. Pleasant.
21	29.54	29.55	29.59	33	40	34	35.7	S. E'ly 1	N. E. 1	N. E'ly 1	10	10	10		24th. Pleasant. Appearances of storm in the evening.
22	29.58	29.57	29.57	33	42	33	36.0	N. E'ly 1	N. E. 1	N. E. 2	9	2	10		25th. Light dusting of snow on the ground this morning. Day pleasant. Evening splendid.
S 23	29.56	29.54	29.65	28	39	33	33.3	N. E. 2	N. E. 3	N. E'ly 1	5	3	3		26th and 27th. Very fine.
24	29.64	29.53	29.43	28	46	33	35.7	S'ly 1	S. E'ly 2	E'ly 2	2	7	10		28th. Very cold and blustering.
25	29.50	29.50	29.51	32	41	33	35.3	N'ly 2	N'ly 2	N.W'ly	9	3	0		29th. The cold continues.
26	29.46	29.36	29.38	32	43	32	35.7	N. W. 2	N. W. 3	N. W. 2	0	2	0		30th. Pleasant.
27	29.35	29.26	29.33	31	41	30	34.0	N. W. 2	N. W. 2	N. W. 3	0	0	0		31st. Cold, but not unpleasant.
28	29.29	29.27	29.34	24	27	20	23.7	N. W. 2	N. W. 4	N. W. 2	2	3	8		
29	29.42	29.39	29.54	21	33	25	26.3	N. W. 2	N. W. 2	N. W. 2	2	2	2		
S 30	29.62	29.60	29.80	24	35	24	27.7	N. W. 2	N. W. 3	N. W. 2	0	0	0		
31	29.89	29.92	30.04	19	31	26	25.3	N. W. 2	N. W. 2	N. W. 1	0	0	0		
Means	29.63	29.59	29.63	23.1	34.7	25.5	...	1.8	2.3	1.6	3.3	3.2	4.3	1.55	
								1.9			3.6				
REDUCED TO SEA LEVEL.															
Max.	30.23	30.15	30.22	34	46	34	36.0								
Min.	29.16	29.15	29.36	—2	11	4	4.3								
Mean	29.81	29.77	29.81												
Range	1.07	1.00	0.86	36	35	30	31.7								
Mean of month			29.797	...	...	...	27.8								
Extreme range			1.08	...	...	...	48.0								

Prevailing winds from some point between—	Days.
N. & E.	3
E. & S.	3
S. & W.	6
W. & N.	19

	Days.
Clear	11
Variable, Cloudy	12
Rain or snow fell on	7

April, 1856. New Moon, 4d. 12h. 45m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	30.20	30.17	30.25	22	42	29	31.0	N. W. 2	N. W. 2	N. W. 2	0	0	0		1st. Very fine.
2	30.08	30.00	29.87	27	49	37	37.7	S. W.	S. W. 3	S. W. 2	0	0	10		2d. Thermometer 49° from 1 to 2 P. M. The warmest day since December 23, 1855, being a period of one hundred days.
3	29.68	29.54	29.55	46	48	42	45.3	S'ly 2	S. W. 2	S. W. 1	Rain	10	Foggy	0.70	3d. Rain in the morning. Fog and mist in the afternoon and evening.
4	29.56	29.52	29.52	49	50	42	47.0	S. W. 1	S. W. 1	N. W. 1	10	10	10		4th. Cloudy, with fog and some mist. Very mild.
5	29.57	29.58	29.52	36	50	38	41.3	N. W. 2	N. W. 2	N. W. 1	0	2	0		5th. Pleasant. Afternoon and evening fine.
S 6	29.58	29.60	29.67	40	45	40	41.7	N. W. 1	N. E'ly 2	N. E'ly 1	0	10	0		6th. Clear at sunrise. Cloudy through greater part of day, with signs of rain. Clear at 10 P. M.
7	29.71	29.79	29.92	36	56	40	44.0	N'ly 1	S'ly 1	S'ly 1	0	1	0		7th. Very fine. Warmer at 2 P. M. (ther. 56°) than at any time since Nov. 16, 1855, being 143 days.
8	30.00	30.02	30.06	38	63	48	49.7	N. W. 1	S. W'ly 2	S. W'ly 1	0	0	0		8th. Very fine.
9	30.09	29.98	29.86	43	69	49	53.7	S'ly 1	S'ly 3	S. W. 3	0	1	3		9th. Very fine. From 1 to 2 P. M., ther. 69°, being higher than at any time since Oct. 6, 1855, a period of more than six months.
10	29.75	29.77	29.92	48	55	38	47.0	W by N 3	N. W. 4	N. W. 1	1	0	0		10th. Wind blustering through the day. Evening still and very clear.
11	29.99	29.92	29.62	32	53	38	41.0	N'ly 1	S. W'ly 2	W'ly 1	2	9	3		11th. Ground crusted with frost this morning.
12	29.63	29.24	29.37	44	60	43	49.0	S. W. 2	S. W. 3	N. E'ly 4	8	10	Rain	0.25	12th. Cloudy; air damp. Thunder and light rain in evening, with change of wind from S. W. to N. E.
S 13	29.87	29.88	30.00	27	42	34	34.3	N. W. 2	N. W. 3	N. W. 1	2	0	0		13th. Cool, but very fine.
14	29.99	29.89	29.72	30	52	43	41.7	N. W. 2	S. W. 3	S. W. 2	5	10	10		14th. Air very raw and chilly. Wind S. W.
15	29.67	29.66	29.78	44	63	44	50.3	N. W'ly 2	S. E'ly 2	N. W'ly 1	9	9	10		15th. Cloudy nearly all day. A few drops of rain in the evening.
16	29.90	29.95	29.87	43	55	42	46.7	N. E. 1	N. E'ly 1	N. E. 1	10	10	8		16th. Mild. A few drops of rain from 11 A. M. to noon.
17	29.78	29.56	29.34	43	60	49	50.7	S. W. 1	S'ly 2	N. E. 1	5	6	Rain	0.35	17th. Warm in morning. Began to rain from 3 to 4 P. M., and continued at intervals during the evening.
18	29.41	29.46	29.52	48	65	49	54.0	N. W. 1	W'ly 2	W'ly 2	2	5	6		18th. Warm and pleasant.
19	29.76	29.76	29.78	53	69	49	57.0	N. W. 1	S. E'ly 4	S. E'ly 1	0	5	10		19th. Pleasant.
S 20	29.66	29.60	29.64	49	45	38	44.0	N. E. 1	N. E. 3	N. E. 5	Rain	Rain	Rain	1.40	20th. Rain storm from N. E. Wind very heavy in the evening.
21	29.62	29.42	29.41	38	38	39	38.3	N. E. 4	N. E. 5	N. E. 2	Rain	Rain	Misty		21st. Storm heavy during day. Wind abated in the evening.
22	29.41	29.46	29.57	42	51	41	44.7	S'ly 1	E'ly 2	S'ly 1	5	10	2		22d. Variable; sunshine and sprinkling of rain in turn. Mostly clear at 10 P. M.
23	29.71	29.69	29.70	42	68	49	53.0	S. W'ly 2	S. W. 3	S. W. 1	0	10	10		23d. Pleasant.
24	29.66	29.64	29.69	48	56	48	50.7	S. W. 1	N. E. 2	N. E. 2	Misty	10	Rain	0.10	24th. Damp and misty. Began to rain gently from 9 to 10 P. M.; wind N. E.
25	29.80	...	30.06	49	...	43	...	N'ly 2	...	N'ly 1	10	...	0		25th. Pleasant. Evening clear.
26	30.18	30.15	30.16	42	58	40	46.7	N. E. 2	N. E. 2	N. E. 2	0	0	0		26th and 27th. Very fine.
S 27	30.06	29.89	29.81	42	67	48	52.3	W'ly 2	S. W. 2	S. W. 3	0	0	0		28th. From 10 A. M. to 2 P. M., very hot for the season. From 5 to 6 P. M., wind changed from S. W'ly to N. E., and grew cooler fast.
28	29.74	29.72	29.76	54	78	44	58.7	S. W. 1	S. W. 1	N. E. 1	1	5	10		29th. Pleasant. Evening splendid.
29	29.74	29.68	29.79	43	66	44	51.0	N. E. 1	N. E. 2	N. E. 1	.7	0	0		30th. Warm in the morning. Grew cold towards night.
30	29.87	30.00	30.15	44	67	43	51.3	N. E. 1	S. E'ly 2	N. E. 2	4	3	10		
Means	29.79	29.74	29.76	41.4	56.7	41.7	...	1.5	2.3	1.7	4.0	5.2	5.4	2.80	
									1.8			4.9			
REDUCED TO SEA LEVEL.															
Max.	30.38	30.35	30.43	54	78	49	58.7								
Min.	29.59	29.42	29.52	22	38	29	31.0								
Mean	29.97	29.92	29.94												
Range	0.79	0.93	0.91	32	40	20	27.7								
Mean of month			29.943	...	...	...	46.5								
Extreme range			1.01	...	...	...	56.0								

Prevailing winds from some point between— Days.

N. & E.	8
E. & S.	4
S. & W.	13
W. & N.	5

	Days.
Clear	9
Variable, Cloudy	12
Rain fell on	9

May, 1856. New Moon, 4d. 9h. 35m. A. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	30.20	30.08	30.00	41	57	44	47.3	N. E. 2	S. E'ly 2	S'ly 2	8	5	10		1st. Raw and chilly in the afternoon and evening.
2	29.78	29.66	29.63	41	44	41	42.0	N. E. 1	N. E. 2	N. E. 2	Rain	10	Rain	0.75	2d. Moderate rain in the morning. Mist and rain in the evening.
3	29.61	29.58	29.62	41	44	38	41.0	N. E. 2	N. E. 2	N. E. 1	Rain	Misty	10		3d. Rain and mist all day.
S 4	29.60	29.59	29.73	40	57	36	44.3	N'ly 1	N. W. 2	N. E. 2	1	8	Misty		4th. Variable. Cloudy in the afternoon. Cold mist from 7 to 9 P. M. Mostly clear at 11 P. M.
5	29.79	29.87	30.02	38	51	42	43.7	N'ly 1	N. E. 2	N. W. 1	7	8	0		5th. Variable and rough. Occasional sprinkling of rain and hail. Evening clear.
6	30.05	29.92	29.90	42	64	52	52.7	N. W. 1	N. W. 2	S. W'ly 1	0	5	7		6th and 7th. Pleasant.
7	29.86	29.69	29.70	43	68	50	53.7	N. W. 1	N. E. 1	S. E'ly 2	2	10	8		8th. Moderate rain, increased towards night.
8	29.79	29.74	29.70	47	45	43	45.0	N. E'ly 2	N. E'ly 2	N. E'ly 5	10	Rain	Rain		9th. Heavy rain and high wind.
9	29.49	29.47	29.39	42	39	39	40.0	N. E. 5	N. E. 3	N. E. 5	Rain	Rain	Rain	2.40	10th. Mist and rain.
10	29.40	29.42	29.48	43	43	40	42.0	N. E. 2	N'ly 3	N. E'ly 3	Misty	Misty	10		11th. Rain all day. Wind changed in the evening.
S 11	29.49	29.48	29.53	41	46	46	44.3	N'ly 3	N. E'ly 1	S. E'ly 1	Rain	Rain	8		12th. Pleasant and very warm.
12	29.56	29.56	29.67	52	80	70	67.3	S'ly 1	N. W'ly 3	N. W'ly 1	0	4	6		13th. Pleasant. Appearances of rain in the evening.
13	...	30.03	30.15	...	64	48	...	N. E. 1	N. E. 1	S. E'ly 1	3	8	10		14th. Pleasant.
14	30.18	30.15	30.14	48	63	46	52.3	E'ly 2	S. E. 2	S. E. 2	10	5	6		15th. Clouds and fog; air chilly.
15	30.09	30.01	29.96	49	61	54	54.7	S'ly 1	S. E. 2	S. E'ly 2	Foggy	10	Foggy		16th. Rather sultry. Sprinkling of rain in the evening.
16	29.89	29.83	29.84	60	70	59	63.0	S. W. 2	S. W. 3	S. W. 2	7	10	Sprin'le		17th. Sprinkling of rain in the morning. Evening clear.
17	29.86	...	29.84	56	...	55	...	S. W. 1	...	S. W. 1	Rain	...	0		18th. Very fine.
S 18	29.79	29.72	29.69	53	74	59	62.0	S'ly 1	S. W. 2	S'ly 2	2	2	2		19th. Pleasant.
19	29.63	29.58	29.54	51	72	59	60.7	N. E. 1	S. E. 2	S'ly 1	Foggy	3	7		20th. Brisk thundershower at 3 P. M. Mostly clear at 10 P. M.
20	29.47	29.38	29.54	56	80	60	65.3	S. W. 1	W'ly 2	N. W. 2	7	3	3	0.10	21st. Very fine; almost cloudless.
21	29.64	29.63	29.79	52	64	51	55.7	N. W. 2	N. W. 3	N. W. 1	0	0	0		22d. Very fine.
22	29.85	29.83	29.86	52	70	55	59.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		23d. Very hot sun at mid-day.
23	29.85	29.77	29.73	57	83	64	68.0	N. W. 2	W'ly 2	S. W. 1	0	0	0		24th. Excessively hot. From 1 to 2 P. M., the thermometer stood at 91° in the shade, exposed to a brisk breeze, being the highest point reached since the 17th of August last, when, under the same circumstances, it stood at the same height. Thunder-gust at 6 P. M. Light showers with thunder in the evening.
24	29.69	29.62	29.52	66	91	60	72.3	S. W'ly 1	S. W'ly 3	N. W. 2	0	5	Rain	0.10	25th. Fine, but cool.
S 25	29.51	29.45	29.52	52	64	43	53.0	N. W. 2	W'ly 3	N. W. 1	0	2	0		26th Sprinkling, with mist and heavy clouds from N. W.
26	29.44	29.54	29.59	42	53	45	46.7	N'ly 2	N. W. 3	N. E. 1	Rain	10	0		27th. Very fine.
27	29.64	29.58	29.59	47	74	53	58.0	N. W. 1	S. W'ly 2	S. W. 1	2	2	0		28th. Rain in the morning. Clear at 8 P. M.
28	29.36	29.19	29.28	56	63	57	58.7	S. W. 2	S. W. 2	N. W. 2	Rain	10	0	0.75	29th. Pleasant. Light showers in the evening.
29	29.31	29.35	29.39	54	66	52	57.3	N. W. 2	S. W. 2	S. W. 1	0	1	Shower		30th. Pleasant. Very cool in the afternoon and evening.
30	29.41	29.45	29.60	45	60	44	49.7	N. W. 2	S. W. 2	N. W. 2	0	10	0		31st. Cool, but pleasant.
31	29.78	29.80	29.94	42	55	45	47.3	N. W. 2	N. W. 3	N. W. 1	2	5	0		
Means	29.70	29.66	29.71	48.3	62.2	50.0	...	1.7	2.2	1.7	5.2	6.2	5.1	4.10	
									1.9			5.5			
REDUCED TO SEA LEVEL.															
Max.	30.38	30.33	30.33	66	91	64	72.3								
Min.	29.49	29.37	29.46	38	39	36	40.0								
Mean	29.88	29.84	29.89												
Range	0.89	0.96	0.87	28	52	28	32.3								
Mean of month			29.870	...	...	...	53.5								
Extreme range			1.01	...	...	...	55.0								

Prevailing winds from some point between— Days.

N. & E.	10
E. & S.	4
S. & W.	7
W. & N.	10

	Days.
Clear	6
Variable, Cloudy	11
Rain fell on	14

June, 1856. New Moon, 2d. 6h. 32m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
S 1	29.97	29.93	29.95	50	74	54	59.3	N. W. 2	N'ly 2	S. W. 1	5	7	0		1st. Pleasant.
2	29.90	29.84	29.79	55	68	59	60.7	S. W. 1	S. W. 3	S. W. 1	0	0	0		2d. Very fine.
3	29.72	29.66	29·70	64	83	70	72.3	S. W. 2	W'ly 2	S. W. 1	7	6	0		3d. Very fine and very warm.
4	29.73	29.70	29.71	67	77	67	70.3	N. E. 1	S. W. 2	N'ly 2	10	6	10	0.25	4th. Cloudy for the most part. Light showers, with thunder, from 7 to 8 P. M. Showers during the night.
5	29.83	29.95	30.06	54	62	50	55.3	N. E. 2	N. E. 2	N. E. 2	10	10	0		5th. Cloudy through the day. Clear at 10 P. M.
6	30.07	30.00	29.95	52	51	48	50.3	N. E. 2	N. E. 2	N. E. 2	10	Misty	Rain		6th. Cloudy, with light rain in the evening.
7	29.80	29.77	29.80	50	58	54	54.0	N. E. 2	N. E. 2	N. E. 1	10	10	10		7th. Cloudy, with occasional sprinkling of rain.
S 8	29.76	29.68	29.65	56	64	58	58.0	S. W. 2	S. W. 2	S. W. 1	10	10	Misty		8th. Misty through the day and evening.
9	29.53	29.49	29.60	56	71	60	62.3	S. E. 2	S'ly 2	W'ly 1	Misty	2	0	0.55	9th. Heavy thundershower from 3 to 5 A. M. Mostly clear in the evening.
10	29.59	29.62	29.69	60	81	66	69.0	S. W. 1	N. W. 2	S. W'ly 1	5	3	10		10th. Very warm and damp.
11	29.70	29.67	29.72	65	80	62	69.0	N. W. 1	S. E. 3	S'ly 1	1	2	0		11th. Very fine.
12	29.79	29.76	29.72	61	74	61	65.3	S'ly 2	S. E. 2	S. E. 2	0	3	10		12th. Pleasant. Evening cloudy, with light mist.
13	29.64	29.58	29.62	62	81	67	70.0	S'ly 2	S'ly 2	S'ly 1	Rain	5	10		13th. Warm and sultry. Slight sprinkling at 2 P. M.
14	29.63	29.61	29.57	66	75	63	68.0	S'ly 2	S'ly 2	W'ly 1	5	9	Shower	0.35	14th. Warm and sultry. Thundershower, with rain and hail at about 9 P. M.
S 15	29.55	29.55	29.65	62	77	61	66.7	N. W. 1	N. W. 1	N. W. 1	8	9	0		15th. Clouds and sunshine during day. Evening splendid.
16	29.73	29.76	29.83	56	78	60	64.7	N. W. 2	N. W. 2	N. W. 1	0	3	0		16th. Very fine. Evening splendid.
17	29.87	29.85	29.85	59	76	62	65.7	N. W. 2	S. W. 3	N. W. 2	1	4	3		17th. Very fine.
18	29.83	29.82	29.75	62	67	60	63.0	S. W. 1	S. W. 1	S'ly 2	8	Rain	Rain	0.95	18th. Sprinkling of rain. Evening rainy.
19	29.62	29.61	29.69	61	70	61	64.0	N. E. 1	N. E. 2	N. E'ly 2	Rain	10	10		19th. Clouds, with occasional sunshine. Light rain in the morning.
20	29.75	29.73	29.73	62	79	69	70.0	N. W. 2	S. E'ly 2	S'ly 1	10	2	0		20th. Very fine.
21	29.78	29.79	29.81	68	92	77	79.0	N. W. 2	N. W. 2	N. W. 1	1	0	0		21st. Excessively hot. Wind light N.W'ly, and mostly clear.
S 22	29.77	29.68	29.69	78	94	81	84.3	N. W. 1	N. W. 3	W'ly 2	2	4	5		22d. Excessively hot. From 1 to 2 P. M., ther. 94° in the shade, exposed to a fresh breeze.
23	29.79	29.80	29.85	71	79	61	70.3	N. E. 3	N. E. 2	S'ly 1	5	2	0		23d. Very fine.
24	29.86	29.83	29.87	60	76	61	66.7	S'ly 1	S. E. 3	S. E. 2	2	0	2		24th. Pleasant.
25	29.82	29.75	29.72	64	72	64	65.7	S. E'ly 3	S. W. 3	S. W. 1	10	10	10		25th. Variable. Mostly cloudy. Sprinkling of rain from noon to 1 P. M.
26	29.69	29.64	29.60	68	86	72	75.3	S. W. 2	S. W. 2	S. W. 2	10	2	7		26th. Very warm and sultry. Cloudy in the morning. Mostly clear in the afternoon.
27	29.55	29.60	29.73	72	82	64	72.7	S. W. 1	N.W'ly 3	N. W. 1	2	2	0	0.37	27th. Heavy thundershower from 2 to 3 A. M. Evening clear.
28	29.75	29.65	29.60	63	81	71	71.7	N. W. 1	S. W. 3	S. W. 2	3	3	0		28th. Very fine.
S 29	29.45	29.38	29.41	75	95	81	83.7	N.W'ly 1	W'ly 3	W'ly 2	0	2	0		29th. At 9 A. M., thermometer 86°; at 11 A. M., 91°; from 1 to 2 P. M., 95° in the shade, exposed to a fresh breeze; at 5 P. M., 92°. The thermometer reached the same point twice last summer, viz: on the 30th of June and on the 19th of July.
30	29.45	29.45	29.47	79	92	81	84.0	S. W'ly 1	S. W. 3	W'ly 2	8	2	2		30th. Heat intense, though slightly abated.
Means	29.73	29.70	29.73	62.6	76.5	64.1	...	1.6	2.3	1.4	5.7	4.3	4.2	2.47	
									1.8			4.7			
REDUCED TO SEA LEVEL.															
Max.	30.25	30.18	30.24	79	95	81	84.3								
Min.	29.63	29.56	29.59	50	51	48	50.3								
Mean	29.91	29.88	29.91												
Range	0.62	0.62	0.65	29	44	33	34.0								
Mean of month			29.900	...	...	...	67.7								
Extreme range			0.69	...	...	...	47.0								

Prevailing winds from some point between— Days.
N. & E. 5
E. & S. 6
S. & W. 11
W. & N. 8

Days.
Clear 8
Variable . . . } 13
Cloudy . . . }
Rain fell on . . 9

July, 1856. New Moon, 2d. 4h. 22m. A. M., and 31d. 4h. 0m. P. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.		
1	...	29.77	29.88	65	81	63	69.7	N. W. 3	N. W. 3	N. W. 1	0	0	0		1st. Very fine.
2	29.95	29.93	29.89	60	76	62	68.0	N. W. 1	S. E. 3	S'ly 1	1	1	5		2d. Very fine; cool and dry.
3	29.76	29.65	29.60	65	83	67	71.7	S'ly 2	S'ly 3	S. W. 2	1	0	10		3d. Pleasant.
4	29.54	29.47	29.61	68	79	59	68.7	S'ly 2	N. W. 2	N. W. 2	Rain	10	0	0.35	4th. Moderate rain in the morning. Evening clear and cool.
5	29.66	29.68	29.64	58	77	61	62.0	N. W. 1	N. W. 2	S'ly 1	0	2	0		5th. Very fine.
S 6	29.59	29.53	29.68	65	83	61	69.7	S. W. 3	S. W. 3	W'ly 1	4	1	Rain	0.65	6th. Pleasant in the morning. Copious shower, with thunder, from 5 to 6 P. M.
7	29.75	29.81	29.87	57	74	61	64.0	N. E. 2	N. E. 2	N. E. 1	Shower	3	5		7th. Light shower from 6 to 7 A. M.; air cool.
8	29.89	29.94	29.93	60	78	63	67.0	N. E. 2	N. E. 2	E'ly 1	Shower	3	6	0.10	8th. Shower about 5 A. M. Pleasant in the afternoon.
9	29.87	29.81	29.85	58	62	57	59.0	N. E. 2	N. E. 3	N. E. 3	Rain	10	10	1.55	9th. Heavy rain in the morning. Cloudy in the afternoon and evening.
10	29.85	29.82	29.82	60	75	61	65.3	N. E. 2	N. E. 2	N. E. 1	10	9	2		10th. Cloudy in the morning. Evening mostly clear.
11	29.80	29.76	29.72	63	76	63	67.3	N. W. 1	S'ly 3	S'ly 1	1	0	5		11th. Very fine.
12	29.50	29.52	29.59	64	82	70	72.0	S. E'ly 3	S. W'ly 2	W'ly 1	Rain	10	10	1.25	12th. Heavy rain this morning. Pleasant in the afternoon; clouds prevailing.
S 13	29.66	29.63	29.71	72	80	75	75.7	S. W. 2	S. W. 2	S. W. 1	5	3	7		13th. Very warm and sultry.
14	29.72	29.75	29.72	75	86	74	78.3	N. W. 2	S. W. 2	S. W. 1	6	0	2		14th. Very warm. Fine breeze at mid-day.
15	29.63	29.54	29.69	77	88	74	79.7	S. W. 2	S. W. 4	W'ly 2	3	7	5		15th. Extremely hot and sultry in the morning. Thunder, with a light shower, between 1 and 2 P. M. Cooler in the afternoon.
16	...	...	...	...	...	...	...	...	...	...	...	...	...		16th and 17th. Very warm.
17	...	...	...	...	...	...	...	...	...	...	...	...	...		18th. Extremely hot.
18	...	...	...	...	92	...	...	...	W'ly 3	...	...	...	...		19th. Cooler and very fine.
19	...	...	29.58	...	...	66	...	...	...	N. W. 2	...	...	3		20th. Cool and very fine.
S 20	29.61	29.64	29.78	63	74	64	67.0	N. W. 2	N. W. 3	N. W. 1	0	4	0		21st. Very fine. A few heavy drops of rain from a passing cloud at about 1 P. M.
21	29.89	29.88	29.94	62	81	66	69.7	N. W. 1	N. W. 2	N. W. 1	0	3	0		22d. Fine showers, with thunder, from noon to 2 P. M. Evening clear.
22	29.97	29.96	29.98	62	70	66	66.0	N'ly 1	W'ly 1	S. W. 1	2	Shower	0	0.30	23d. Pleasant.
23	29.89	29.95	29.87	64	84	72	73.3	S. W. 1	S. W.	S. W. 1	2	1	0		24th. Hazy at mid-day.
24	29.99	29.96	29.89	79	88	76	81.0	W'ly	W.	S. W. 1	2	2	0		25th. Very warm.
25	29.83	29.79	29.74	70	90	78	79.3	W'ly	W.	S. W. 2	3	4	0		26th. Hazy in the morning. Smoke and haze at mid-day.
26	29.75	29.74	29.78	73	92	78	81.0	W.	N. W.	W. 1	0	0	0		27th. Mostly clear. Hazy at mid-day.
S 27	29.75	29.74	29.74	74	91	81	82.0	W'ly	W.	W. 2	0	2	0		28th. Shower at the N. and N. E.
28	29.79	29.80	29.79	72	86	76	78.0	W.	W.	W. 1	2	6	0		29th. Light shower from 1 to 2 P. M.
29	29.77	29.74	29.67	72	90	73	78.3	W'ly	S. W.	W'ly 2	2	3	0		30th and 31st. Occasional sprinkling of rain.
30	29.60	29.60	29.64	72	80	74	75.3	S.	S.	S'ly	10	7	0		
31	29.68	29.75	29.81	70	74	73	72.3	S'ly	W.	S'ly 1	9	10	8		
Means	29.76	29.75	29 76	66.7	81.1	68.4	...	1 8	2.5	1.3	4.2	4.1	3.1	4.20	
									1.9			3.8			
REDUCED TO SEA LEVEL.															
Max.	30.17	30.14	30.16	79	92	81	82.0								
Min.	29.68	29.65	29.76	57	62	57	59.0								
Mean	29.94	29.93	29.94												
Range	0.49	0.49	0.40	22	30	24	23.0								
Mean of month			29.937	...	...	...	72.1								
Extreme range			0.52	...	...	...	35.0								

Prevailing winds from some point between— Days.
N. & E. 4
E. & S. 1
S. & W. 13
W. & N. 11

Days.
Clear 10
Variable . . . } 9
Cloudy . . . }
Rain fell on . . 12
(3 days omitted.)

August, 1856. New Moon, 30d. 6h. 5m. A. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.86	29.87	29.88	72	80	72	74.7	S.	S.	S.	10	7	0		1st. Pleasant.
2	29.89	29.88	29.83	72	77	71	73.3	S. E. 1	E. 2	E. 1	5	6	10		2d. Overcast in the morning.
S 3	29.77	29.72	29.73	71	87	71	76.3	S. E. 1	E. 1	S. E. 1	10	7	9		3d. Cloudy for the most part. Air sultry and damp.
4	29.74	29.75	29.73	70	75	71	72.0	E. N.E. 1	N. E. 1	N. E. 1	10	9	10		4th. Mostly cloudy, light rain towards night.
5	29.60	29.57	29.54	71	78	69	72.7	E'ly 1	S. E'ly 1	S. E. 2	10	10	Rain	0.80	5th. Cloudy, with light showers during the day. Heavy shower in the evening.
6	29.55	29.52	29.54	72	79	69	73.3	S. W. 2	S'ly 3	S'ly 1	10	5	9		6th. Clouds; occasional sunshine and sprinkling of rain.
7	29.59	29.63	29.67	66	79	78	74.3	S. W. 1	W'ly 2	S. W'ly 1	0	3	0		7th. Fine.
8	29.68	29.67	29.73	70	80	68	72.7	S. W. 2	S. W. 2	S. W. 1	5	Shower	10	1.25	8th. Light showers in the morning. Heavy rain, with thunder, from 4 to 6 P. M. Evening cloudy.
9	29.73	29.70	29.73	68	81	70	73.0	S. W. 1	S. W. 2	S'ly 1	Rain	8	3	0.10	9th. Light showers in the morning. Mostly clear in the evening.
S 10	29.71	29.69	29.71	65	82	66	71.0	N. W. 2	W'ly 2	W'ly 1	0	5	0		10th, 11th, and 12th. Pleasant.
11	29.68	29.60	29.58	66	85	72	74.3	S. W. 1	S. W. 2	S. W. 1	2	7	10		13th. Pleasant in the morning. Light shower from 4 to 5 P. M.
12	29.55	29.52	29.53	70	85	70	75.0	S. W. 1	S. E'ly 1	S. W. 1	2	9	8		14th. Fine. Evening splendid.
13	29.54	29.54	29.58	65	83	65	71.0	N. W. 1	S. W'ly 2	Calm	1	7	5		15th. Pleasant. Showers in the afternoon to the north and east of us, but none here.
14	29.58	29.60	29.61	64	83	66	71.0	N. W. 1	S. W'ly 1	S. W. 1	2	2	0		16th. Very fine; cool and dry.
15	29.63	29.62	29.66	66	82	64	70.7	N'ly 1	N. E. 1	N. E. 1	0	4	5		17th. Pleasant in the morning. Heavy shower from 6 to 7 P. M. Clear at 9 P. M.
16	29.69	29.68	29.75	62	76	65	67.7	N. W. 2	N. W. 2	N. W. 1	0	5	5		18th. Cloudy; air mild.
S 17	29.76	...	29.79	64	...	60	...	N. E. 2	N. W. 2	N. W. 1	2	Shower	0	0.50	19th. Cloudy in the afternoon. Rain in the evening.
18	29.81	29.78	29.84	61	72	62	65.0	N'ly 2	N. E. 2	S. E'ly 2	10	5	5		20th. Steady rain. Wind fresh; changed during the day from S. E'ly to N. E'ly.
19	29.77	...	29.63	65	...	65	...	N'ly 2	...	S. E'ly 3	6	...	Rain	} 2.60	21st. Mist, with occasional light rain.
20	29.39	29.27	29.20	65	64	62	63.7	S. E. 3	E. S. E. 3	N. E. 2	Rain	Rain	Rain		22d and 23d. Pleasant.
21	29.13	29.19	29.36	58	61	58	59.0	N. E. 3	N. N. E.	N. E'ly	Misty	Rain	Misty		24th. Light shower in the morning. Mostly clear at 9 A. M.
22	29.42	29.51	29.65	58	70	63	63.7	N. W. 2	N. W. 1	N. W. 1	10	2	0		25th. Cool and pleasant in the morning. Light shower in the afternoon.
23	29.76	29.74	29.67	60	78	68	68.7	N. W. 1	S. W. 2	S. W. 1	0	2	8		26th. Pleasant, but very cool.
S 24	29.57	29.48	29.49	66	78	67	70.3	S. W. 1	W. 2	N. W. 1	9	2	1		27th. Cool, but pleasant.
25	29.50	29.50	29.64	58	72	59	63.0	N. W. 1	N. W. 2	N. W. 1	0	5	4		28th. Pleasant; air dry.
26	29.81	29.85	29.92	48	66	56	56.7	N. W. 2	N. W. 2	W. 1	0	0	0		29th. Shower in the morning. Light shower and brisk wind through the day.
27	30.03	30.02	30.02	49	70	62	60.3	W'ly 1	W. 3	N. W. 1	0	4	0		30th. Cloudy in the morning. Evening clear.
28	30.04	29.99	29.92	60	76	67	67.7	S. W. 1	S. 4	S. W. 3	0	2	8		31st. Splendid day.
29	29.78	29.66	29.61	66	68	66	66.7	S. W. 2	S. W. 5	S. W. 2	9	10	10	0.50	
30	29.68	29.70	29.77	60	71	60	63.7	N. W. 1	W. 3	N. W. 1	6	3	0		
S 31	29.88	29.92	29.96	54	72	62	62.7	N. W. 1	W. 1	W. 1	0	1	0		
Means	29.68	29.66	29.69	64.0	76.3	69.2	...	1.5	2.0	1.3	4.8	5.7	5.2	5.75	
									1.6			5.2			
REDUCED TO SEA LEVEL.															
Max.	30.22	30.20	30.20	72	87	72	76.3								
Min.	29.31	29.37	29.38	48	61	56	56.7								
Mean	29.86	29.84	29.87												
Range	0.91	0.83	0.82	24	26	16	19.6								
Mean of month			29.857	...	...	...	69.8								
Extreme range			0.91	...	...	...	39.0								

Prevailing winds from some point between—	Days.
N. & E.	4
E. & S.	5
S. & W.	12
W. & N.	10

	Days.
Clear	6
Variable, Cloudy	13
Rain fell on	12

September, 1856. New Moon, 28d. 10h. 40m. P. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.14	30.08	30.03	52	68	53	57.7	N. W. 1	N. E'ly 1	N. E'ly 1	4	2	0		1st. Thin, hazy clouds in the morning. Cool through the day.
2	29.96	29.96	29.96	49	67	54	56.7	N.N.E. 2	N. E. 3	N. E. 1	7	0	0		2d. Pleasant, but quite cool for the season.
3	30.01	29.99	30.02	53	74	64	63.7	N'ly 1	N'ly 1	N.W'ly 1	2	0	0		3d and 4th. Very fine.
4	30.03	29.98	30.03	58	73	61	64.0	N. W. 1	N. W. 2	N. W. 1	0	0	0		5th. Very fine; sun hot at mid-day.
5	30.04	30.02	30.05	60	82	62	68.0	N. W. 1	N. W. 1	S. W. 1	0	0	0		6th. Very fine. Air damp in the afternoon, with prevalence of clouds. Evening clear.
6	29.99	29.94	29.95	61	78	62	67.0	S. W. 2	S. W. 2	S. W. 1	3	4	1		7th. Sultry and very warm in the morning; wind S. W. Cool in the afternoon and evening, with wind N. E.
S 7	29.91	29.92	29.99	65	80	62	69.0	S. W. 1	N. E. 2	N. E. 2	3	8	10		8th. Mist at sunrise; wind N. E. Light shower at 9 A. M. Wind S. W. in the afternoon. Clear at 10 P. M.
8	29.95	29.87	29.89	60	76	66	67.3	N. E. 1	S. W. 2	S. W. 1	Fo[illegible]y	10	0		9th. Very fine. Evening splendid.
9	30.01	29.88	29.88	61	80	66	68.7	N. W. 1	N. W. 2	N. W. 1		0	0		10th. Very fine.
10	29.86	29.83	29.80	62	82	68	70.7	N. W. 1	S. W. 3	S. W. 2	0	0	1		11th. Very damp and sultry in the morning. Fine shower, with thunder, from 5 to 6 P. M.
11	29.68	29.54	29.65	70	83	68	73.7	S. W. 2	S. W. 3	N.W'ly 1	10	4	Shower	0.30	12th. Pleasant.
12	29.73	29.70	29.68	60	75	60	65.0	N. W. 2	S. W. 2	S. W.	5	2	5		13th. Pleasant in the morning. Brisk shower from 6 to 7 P. M. Clear at 10 P. M.
13	29.66	29.66	29.68	58	77	58	64.3	S. W. 1	W'ly 2	N. W. 2	2	3	0	0.10	14th. Very fine. Evening cloudless and splendid.
S 14	29.77	29.78	29.84	56	70	57	61.0	N. W. 2	N. W. 2	N. W. 1	0	0	0		15th. Pleasant.
15	29.84	29.72	29.69	52	76	60	62.7	N. W. 1	S. W. 2	S. W. 2	2	2	5		16th. Very fine. Evening cool.
16	29.69	29.75	29.85	58	75	53	63.3	N. W. 1	N. W. 2	N. W. 1	0	2	0		17th and 18th. Very fine.
17	29.90	29.79	29.74	49	70	62	60.3	N. W. 1	W'ly 2	S. W. 1	0	5	3		19th. Pleasant.
18	29.75	29.73	29.72	58	76	66	66.7	N. W. 2	N. W. 2	S. W. 1	8	0	0		20th. Sultry and damp in the morning. Began to rain moderately at 2 P. M. Heavy thundershowers in the afternoon and evening.
19	29.75	29.77	29.86	65	80	61	68.7	S. W. 1	W'ly 2	S. W. 1	3	3	7		21st. Warm; air sultry.
20	29.89	29.83	29.85	59	75	63	65.7	S. W. 1	S. W. 2	W'ly 1	5	10	Rain	2.25	22d. Rain the greater part of the day. Wind light E'ly and N. E.
S 21	29.79	29.77	29.72	62	75	61	66.0	N'ly 2	S'ly 2	N. E. 1	9	7	5		23d. Light rain at intervals.
22	29.67	29.64	29.62	60	63	58	60.3	N. E. 1	E'ly 1	N. E. 2	Rain	Rain	Rain	} 1.50	24th. Pleasant. Evening quite cool.
23	29.52	29.47	29.44	58	63	58	59.7	N'ly 1	N'ly 1	N'ly 1	Misty	10	10		25th and 26th. Very fine.
24	29.37	29.44	29.66	53	65	50	56.0	N. W. 1	N. W. 2	N. W. 1	7	5	0		27th. Pleasant.
25	29.74	...	29.78	44	...	48	...	N. W. 1	...	S. W. 1	0	...	0		28th. Pleasant. Heavy clouds at sunset. Clear at 10 P. M.
26	29.77	29.72	29.76	48	69	54	57.0	S. W. 1	S. W. 3	S. W. 1	0	3	0		29th. Pleasant.
27	29.75	29.73	29.83	53	70	57	60.0	S. W. 1	S. W. 2	N. E. 1	8	5	2		30th. Wind heavy at S. E. all day. Cloudy, with occasional sprinkling of rain. Heavy rain and very high wind late in the evening.
S 28	29.89	29.87	29.90	48	68	52	56.0	N.byE. 1	N. E'ly 1	S. E'ly 1	0	3	0		
29	29.91	29.87	29.86	48	69	56	57.7	N. E. 1	E'ly 2	E'ly 2	8	5	1		
30	29.72	29.52	29.46	60	70	69	66.3	S. E. 2	S. E. 3	S. E. 5	10	10	Rain	0.95	
Means	29.82	29.79	29.80	56.7	73.4	59.6	...	1.3	2.0	1.4	4.3	3.9	3.0	5.10	
									1.6			3.7			
REDUCED TO SEA LEVEL.															
Max.	30.32	30.26	30.23	70	83	69	73.7								
Min.	29.55	29.62	29.62	44	63	48	56.0								
Mean	30.00	29.97	29.98												
Range	0.77	0.64	0.61	26	20	21	17.7								
Mean of month			29.983	...	...	...	63.2								
Extreme range			0.77	...	...	...	39.0								

Prevailing winds from some point between—	Days.
N. & E.	7
E. & S.	2
S. & W.	10
W. & N.	11

	Days.
Clear	11
Variable, Cloudy	12
Rain fell on	7

October, 1856. New Moon, 28d. 4h. 46m. P. M.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.40	29.42	29.60	59	65	46	56.7	S. W. 1	S. W. 3	W'ly 2	0	1	5		1st. Very fine.
2	29.76	29.76	29.82	38	58	52	49.3	S. W. 2	W. by S. 2	S. W. 1	0	2	7		2d. Very cool in the morning. Day fine.
3	29.83	...	29.89	45	...	47	...	S. W'ly 1	...	W'ly 2	0	...	0		3d. Fine.
4	30.00	...	30.02	50	...	46	...	N. W'ly 1	...	N. W'ly 1	0	...	0		4th and 5th. Very fine.
S 5	30.09	30.01	29.96	42	62	53	52.3	N'ly 1	N. E'ly 2	S'ly 1	0	0	0		6th. Variable. Clouds and sunshine; air damp.
6	29.88	29.82	29.88	58	72	64	64.3	S. W. 2	S. W. 2	S. W. 1	9	5	10		7th. Pleasant. Evening cool.
7	29.94	29.96	30.10	48	63	46	52.3	N. W. 1	N. W. 2	N. E. 1	2	5	0		8th and 9th. Very fine.
8	30.18	30.12	30.11	41	63	50	51.3	N'ly 1	S'ly 2	S'ly 1	0	0	0		10th. Fine; air hazy, without clouds. Warm for the season.
9	30.07	29.95	29.99	48	7[illegible]	54	58.3	S'ly 1	S. W. 1	S. W. 1	3	0	0		11th and 12th. Very fine.
10	29.97	29.96	29.92	50	76	56	60.7	S. W. 1	W'ly 1	S. W'ly 1	0	0	0		13th. Cloudy and mild. Began to rain moderately at 10 P. M.
11	29.84	...	29.85	50	...	62	...	S. W. 1	...	N'ly 1	0	...	0		14th. Very cold for the season. In the evening, wind fresh from the N. E., while the clouds were moving from W'ly.
S 12	30.00	29.98	29.94	50	63	50	54.3	N. E'ly 1	E'ly 1	S. W'ly 1	0	0	2		15th. Fine, though cold. Black frost this morning. Ice formed in open vessels of water, of the thickness of window glass. This is the first frost on College Hill to injure the most delicate plants.
13	29.77	29.61	29.53	54	70	57	60.3	S. W. 2	S. W. 2	S. W. 1	10	9	Rain	0.35	16th. Very fine. Severe frost this morning.
14	29.77	29.77	30.01	38	44	34	38.7	N'ly 2	N. E'ly 2	N. E. 3	10	10	3		17th. Pleasant in the morning. Mostly cloudy in the evening.
15	30.10	30.12	30.12	29	44	3[illegible]	35.0	N. E'ly 2	N. E. 2	N'ly 1	4	0	0		18th. Rain at 5 A. M. from S. E. During the morning, the wind hauled to S. W., and the clouds became broken.
16	30.04	29.92	29.93	30	54	42	62.0	N'ly 1	S. W. 1	S. W'ly 1	0	0	0		19th. Very fine.
17	30.00	30.00	29.97	38	57	54	[illegible]9.7	N. E. 2	N. E. 3	N. E. 3	0	2	7		20th. Pleasant. Warm for the season.
18	29.82	29.80	29.87	57	60	51	[illegible]3.0	S. E. 3	S. W. 2	S. W. 1	Rain	2	8	0.50	21st. Pleasant and warm.
S 19	29.92	29.89	29.99	44	63	50	52.3	W. by S. 2	W by N. 2	N. W'ly 1	0	3	0		22d. Warm. Nearly calm all day; air hazy.
20	30.04	30.03	30.03	46	65	49	53.3	N'ly 1	N. by E. 1	Calm	0	5	0		23d. Warm in the morning; wind light N. W'ly. Air grew cool in the evening; wind very fresh, and more to the north. Faint aurora in evening.
21	30.00	29.93	29.85	45	68	53	53.3	W'ly 1	S. E'ly 1	S'ly 1	4	3	0		24th. Cool. Evening very clear.
22	29.74	29.62	29.61	49	69	56	58.0	S. W. 1	S. W. 1	Calm	Hazy	10	10		25th. Pleasant.
23	29.52	29.50	29.67	52	63	36	50.3	N. W. 1	N. W. 2	N'ly 3	Hazy	3	0		26th. Very fine.
24	29.83	29.85	29.99	30	41	29	33.3	N. W. 3	N. W. 3	N. W. 1	0	7	0		27th. Cloudy, with sprinkling of rain in the afternoon.
25	29.95	29.86	29.88	28	48	39	28.3	N. W. 2	N. W. 2	N. W. 2	0	5	0		28th. Shower during the last night. Air warm and damp this morning. Evening clear.
S 26	29.88	29.83	29.86	33	54	40	42.3	N. W. 1	N. W. 1	Calm	5	0	0		29th. Pleasant. Evening very fine.
27	29.84	29.80	29.65	37	54	51	47.3	S'ly 1	S'ly 1	S. W. 1	8	10	10	0.30	30th. Pleasant.
28	29.44	...	29.52	57	56	41	51.3	S. W. 1	N. W. 2	N. W. 1	F'g, sh'r	7	0		31st. Blustering and cold.
29	29.61	29.66	29.73	39	53	37	43.0	N. W. 1	N. W. 3	Calm	5	7	0		
30	29.66	29.49	29.44	43	62	46	47.0	S. W. 2	S. W. 3	N'ly 2	3	1	5		
31	29.43	29.40	29.63	45	44	32	40.3	W'ly 1	W'ly 3	N. W. 2	6	10	0		
Means	29.85	29.82	29.85	44.3	59.3	46.9	...	1.4	1.9	1.4	3.5	3.8	2.5	1.15	
									1.6			3.3			
REDUCED TO SEA LEVEL.															
Max.	30.36	30.30	30.30	59	76	64	64.7								
Min.	29.58	29.58	29.62	28	41	29	28.3								
Mean	30.03	30.00	30.03												
Range	0.78	0.72	0.68	31	35	35	36.4								
Mean of month			30.020	...	...	...	50.2								
Extreme range			0.78	...	...	...	48.0								

Prevailing winds from some point between—	Days.
N. & E.	6
E. & S.	1
S. & W.	13
W. & N.	11

	Days.
Clear	15
Variable, Cloudy	12
Rain fell on	4

November, 1856. New Moon, 27d. 10h. 53m. A. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	29.75	29.61	29.60	29	44	52	41.7	N. W. 1	S. W. 3	S. W. 2	0	5	0		1st. Wind fresh, and dust abundant.
S 2	29.74	29.74	29.86	45	64	54	54.3	S. W. 1	S. W. 1	S. W. 2	0	6	5		2d. Very fine.
3	29.91	29.85	29.71	47	61	56	54.7	S. W. 1	S'ly 2	S'ly 1	0	10	Rain	0.40	3d. Pleasant in the morning. Cloudy in the afternoon. Began to rain moderately from 8 to 9 P. M.; air warm.
4	29.60	29.50	29.27	61	65	63	63.0	S. W. 2	S. W. 1	S. W. 3	10	10	10	0.10	4th. Cloudy, with occasional mist and sprinkling of rain.
5	29.47	29.60	29.98	47	40	29	38.7	N. W. 3	N. W. 4	N. W. 1	2	3	0		5th. Very blustering through the day. Evening clear and cold.
6	30.24	30.29	30.40	23	39	29	30.3	N. W. 2	N. W. 1	N. W. 1	0	0	0		6th. Very fine.
7	30.37	30.31	30.26	38	54	45	45.7	S. W. 2	S. W. 3	S. W. 1	5	10	7		7th. Mild, with some appearances of rain.
8	30.15	...	30.01	48	...	46	...	S. W. 1	...	S. W. 2	10	...	Rain		8th. Cloudy in the morning. Moderate rain in the evening.
S 9	29.82	29.81	29.85	41	43	33	39.0	N. W. 2	N'ly 2	N. E. 2	10	10	8		9th. Air raw and misty, with occasional sprinkling of rain.
10	29.92	29.88	29.93	28	36	25	29.7	N. W. 2	N. W. 2	N. W. 1	7	0	0		10th. Pleasant. Evening cool and splendid.
11	29.95	29.91	29.98	22	40	31	31.0	N. W. 1	N. W. 1	N. W. 1	0	0	0		11th. Very fine. Evening cloudless and splendid.
12	29.98	29.95	29.93	27	50	38	38.3	N. W. 1	S. W. 1	W'ly 1	0	10	10		12th. Pleasant. Cloudy in the afternoon.
13	29.93	29.93	29.97	35	49	39	41.0	N. W. 1	N. W. 1	N. W. 1	0	10	10		13th. Pleasant.
14	29.93	29.80	29.71	33	46	37	38.7	N. W. 1	S. W. 1	S. W. 1	5	10	Rain		14th. Cloudy in the afternoon. Light rain in the evening.
15	29.69	29.64	29.67	32	33	27	30.7	N'ly 1	N. W. 2	N. W. 1	Snow	0	0		15th. Light snow this morning from sunrise to 10 A. M., which melted as it fell.
S 16	29.64	29.50	29.48	27	46	46	39.7	N. W. 1	S. W. 2	S. W. 2	0	0	3		16th and 17th. Pleasant.
17	29.48	29.45	29.60	39	40	30	36.3	S. W. 1	N. W. 2	N. W. 2	10	2	0		18th. Cool, but pleasant.
18	29.63	29.66	29.76	27	39	31	32.3	N. W. 1	N. W. 2	N. W. 2	0	10	0		19th. Very fine. Evening very clear.
19	29.79	29.81	30.02	25	40	26	30.3	N. W. 1	N. W. 2	N. W. 2	0	0	0		20th. Very fine. Day and evening cloudless.
20	30.11	30.10	30.17	22	37	27	28.7	N. W. 1	N. W. 1	N. W. 1	0	0	0		21st. Pleasant.
21	30.13	30.06	30.02	23	47	36	35.3	S. W. 1	S. W. 1	S. W. 1	0	5	10		22d. Brisk rain from the S. E. in the morning. Clear in the afternoon and evening, and very mild, with wind at S. W.
22	29.75	29.74	29.94	50	58	44	50.7	S. E. 2	S. W. 2	S. W. 1	Rain	2	0	0.45	23d. Pleasant.
S 23	30.05	30.02	29.95	34	49	39	40.7	N. W. 1	N. W'ly 1	S. W'ly 1	0	3	10		24th. Mist this morning. Pleasant in the afternoon and evening.
24	29.79	29.72	29.89	42	54	45	47.0	S. W. 2	S. W. 3	N. W. 2	Misty	2	3		25th. Pleasant in the morning. Cloudy in the afternoon. Began to rain moderately at 8 P. M.
25	29.98	29.97	29.80	35	44	40	39.7	N. by E. 1	N. E. 2	N. E. 1	1	10	Rain		26th. Rain through the night, which continued with mist till 9 A. M.; then clear and pleasant.
26	29.44	29·40	29.57	44	55	44	47.7	S. E'ly 1	W. 2	N. W. 2	Rain	1	5	0.60	27th. Pleasant in the morning. Cloudy at noon. Clear and pleasant in the evening.
27	29.71	29.68	29.62	35	44	34	37.7	W. 1	W. 2	W. 1	1	9	0		28th. Pleasant. Weather hazy at 9 P. M.
28	29.71	29.65	29.75	30	42	30	34.0	W. 1	W. 2	N. 2	0	2	2		29th. Snow from sunrise to 11 A. M., when it turned to rain. Snow from one to two inches deep. Evening cloudy and cold; storm ceased.
29	29.61	29.25	29.24	26	31	25	27.3	N. E. 2	N. E. 3	N. E. 3	Snow	Rain	10	0.50	30th. Cold, but very fine overhead.
S 30	29.70	29.74	29.89	22	36	30	29.3	N. W. 3	N. W. 2	N. W. 1	0	0	0		
Means	29.83	29.78	29.83	34.9	45.7	37.7	...	1.4	1.9	1.5	3.7	4.8	4.4	2.00	
									1.6			4.3			
REDUCED TO SEA LEVEL.															
Max.	30.55	30.49	30.58	61	65	63	63.0								
Min.	29.62	29.43	29.42	22	31	25	27.3								
Mean	30.01	29.96	30.01												
Range	0.93	1.06	1.16	39	34	38	35.7								
Mean of month			29.993	...	...	...	39.4								
Extreme range			1.16	...	...	...	41.0								

Prevailing winds from some point between—	Days.
N. & E.	2
E. & S.	0
S. & W.	12
W. & N.	16

	Days.
Clear	9
Variable, Cloudy	11
Rain or snow fell on	10

December, 1856. New Moon, 27d. 3h. 37m. A. M.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 1 P. M.	At 10 P. M.	Rain and Snow in Inches of Water.	REMARKS.
1	29.98	29.94	29.91	26	36	30	30.7	N. W. 2	N. W. 1	N. W. 1	8	10	9		1st. Air raw and cold.
2	29.79	29.69	29.66	22	40	30	30.7	S. W. 1	W'ly 1	W'ly 2	2	0	10		2d. Pleasant. Air raw in the afternoon.
3	29.38	28.85	29.02	31	39	32	34.0	E'ly 1	E'ly 2	N. W. 3	Misty	Rain	0	0.75	3d. Light snow last night. Mist and light rain in morning; bar. falling rapidly. At 1 P. M., bar.
4	29.24	29.41	29.61	29	30	25	28.0	W'ly 3	N.W'ly 4	W'ly 2	2	2	0		28.95; wind fresh E'ly. At 3 P. M., calm; mist,
5	29.74	29.79	29.89	24	32	25	27.0	W.N.W. 2	N.W'ly 3	N. W. 2	0	0	0		fog, and light fine rain; bar. 28.80. At 5 P. M., bar.
6	29.92	29.89	29.91	22	31	23	25.3	N. W. 2	N. W. 2	N. W. 1	0	0	0		began to rise; wind sprung up at N.W. At 8 P. M.,
S 7	29.82	29.76	29.78	23	31	20	24.7	W'ly 2	W'ly 2	N. W. 1	3	0	0		bar. 29.00. Clear at 10 P. M.; wind blustering N.W.
8	29.79	29.79	29.93	11	23	17	17.0	N. W. 1	N. W. 2	N. W. 1	0	2	0		4th. Very blustering.
9	30.03	30.12	30.24	17	25	20	20.7	N. W. 2	N. W. 2	N. W. 1	7	0	0		5th. Cold and blustering. Evening splendid.
10	30.33	30.30	30.31	15	32	23	23.3	N. W. 1	N. W. 1	N. W. 1	0	0	0		6th. Very fine. Evening splendid.
11	30.15	29.89	29.47	27	41	50	39.3	S. W. 1	S. E'ly 2	S'ly 4	10	10	Rain	1.05	7th. Cold, but fine. Evening again splendid.
12	29.56	29.59	29.75	36	48	35	39.7	S. W. 1	W'ly 2	W'ly 2	2	0	0		8th. Cold, but very fine. Evening perfectly splendid, without a trace of a cloud.
13	29.83	29.91	29.99	30	43	36	36.3	S. W. 1	W.byN. 3	S. W. 2	0	1	10		9th. Fine. Evening cloudless; air transparent.
S 14	29.69	29.25	28.88	36	41	42	39.7	E'ly 3	S. E. 3	W'ly 5	R'n, sn.	Rain	7	2.25	10th. Air mild; very fine. Evening splendid.
15	29.30	29.67	29.92	31	34	25	30.0	W by S. 4	N.W'ly 2	N. W. 2	2	0	3		11th. Cloudy in morning; air raw; wind S. E'ly.
16	29.94	29.87	29.82	20	23	15	19.3	N. W. 2	N.byE. 2	N.byE. 2	7	2	0		Began to rain from 4 to 5 P. M., and continued
17	29.85	29.95	30.13	18	19	7	14.7	W'ly 2	N. W. 4	N. W. 2	2	0	0		during the evening; wind heavy at S. E'ly.
18	30.33	30.34	30.48	—5	2	—2	—1.7	N. W. 3	N. W. 3	N. W. 2	1	0	1		12th. Pleasant. Evening very clear.
19	30.55	30.51	30.42	—2	17	14	9.7	N. W. 1	N. E. 1	N. E. 2	0	7	10		13th. Pleasant. Evening cloudy.
20	30.19	29.84	29.59	25	38	46	36.3	S. E. 1	S'ly 2	S. W'ly 3	Snow	Rain	Rain	1.15	14th. Light rain and snow at sunrise; bar. 29.78,
S 21	29.69	29.80	29.90	31	26	24	27.0	N. W. 2	N. W. 2	N. W. 2	10	10	9		falling rapidly. Rain continued A. M.; at 4 P. M.,
22	29.82	29.76	29.70	21	24	24	23.0	N. W. 2	N. E'ly 2	N. E'ly 2	10	10	10		heavy, wind hauling from S. E. to S.W., and bar.
23	29.54	29.52	29.16	27	25	25	25.7	N. E. 2	N. E. 3	N. E'ly 4	Snow	Snow	Snow	0.60	29.05. At 5 P. M., wind light S. W.; light rain. At
24	29.11	29.04	29.06	22	23	13	19.3	N'ly 3	N. W. 2	N. W. 2	10	10	10		6 P. M., bar. 28.97; wind S. W'ly; clouds broken.
25	29.12	29.21	29.46	13	20	21	18.0	N. W. 2	N. W. 3	N. W. 1	10	10	0		At 7 P. M., bar. 28.94; at 8 P. M., 28.90, ther. 50°.
26	29.59	29.60	29.62	21	25	14	20.0	N. W. 2	N. W. 3	N. W. 2	9	7	0		At 9 P. M., bar. 28.93; at 10 P. M., 28.98, ther. 42°.
27	29.65	29.66	29.72	10	25	17	17.3	N. W. 1	N. W. 3	N. W. 1	0	0	0		Wind blustering since 7 P. M. Rain all day.
S 28	29.69	29.59	29.68	16	34	31	27.0	N. W. 1	N. W. 2	N.W'ly 2	0	Misty	10		15th. Blustering.
29	29.72	29.73	29.80	29	41	28	32.7	S. W. 2	S. W. 1	S. W. 2	7	5	0		16th. Air very cold during day and evening.
30	29.85	29.87	29.72	28	35	25	29.3	N. W. 2	N. W. 1	N. W. 1	9	5	6		17th. Wind blustering, and weather severe.
31	30.00	29.98	30.00	25	28	26	26.3	N. E. 2	N. E. 2	N. E. 2	10	10	10		18th. Extremely cold and severe. Ther. this morning, —5°, with cutting wind from N. W.
Means	29.78	29.75	29.76	21.9	30.0	24.5	...	1.9	2.2	2.0	5.2	4.9	4.4	5.80	19th. Pleasant. Barom., reduced to sea level,
									2.1			4.8			30.71, which is higher than at any time since Jan.
REDUCED TO SEA LEVEL.															6, 1855, when it rose to 30.85.
Max.	30.73	30.69	30.64	36	48	50	39.7								20th. Light snow at sunrise, which soon turned
Min.	29.29	29.22	29.06	—5	2	—2	—1.7								to mist and rain. Rain continued all day.
Mean	29.96	29.93	29.94												21st. Air raw and uncomfortable.
Range	1.44	1.47	1.58	41	46	52	41.4								22d. Cold and raw. Air filled with snow.
Mean of month		29.943		...	...	...	25.5								23d. One or two inches of light snow. Evening
Extreme range		1.67		...	...	...	55.0								very blustering.

Prevailing winds from some point between— Days.

N. & E.	6
E. & S.	3
S. & W.	4
W. & N.	18

	Days.
Clear	11
Variable	12
Cloudy	
Rain or snow fell on	8

24th. Cold and rough. Snow last night, much drifted—about four inches deep on the level.
25th. Blustering snow-gust in morning. Evening clear and pleasant.
26th. Variable and blustering. Evening clear and pleasant.
27th. Very fine.
28th. Clear and pleasant at sunrise. Cloudy, with mist. in the afternoon.
29th. Very fine. 30th. Pleasant.
31st. Air rather raw.

January, 1857. New Moon, 25d. 6h. 18m. P. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
1	30.03	30.00	30.08	28	32	24	28.0	N. E. 1	N. E. 2	N. E. 2	Snow	8	10		1st. Mild. Snow in morning, covering ground.
2	30.10	30.02	29.98	20	30	24	24.7	N. E. 2	N. E'ly 2	N. E. 2	10	7	10		2d. Appearances of storm.
3	29.71	29.36	29.21	26	32	24	27.3	N. E. 1	N. E. 2	N. E. 4	Snow	Snow	Snow	1.20	3d. Began to snow very gently about 6 A. M.;
S 4	29.46	29.54	29.78	23	27	19	23.0	N. W. 1	N. W. 3	N. W. 2	2	0	0		continued to fall fast through the day. At 10 P. M.,
5	29.78	29.75	29.77	17	20	9	15.3	N. W. 2	N. W. 3	N. W. 2	4	5	1		snowing very fast, with wind heavy at N. E.
6	29.77	29.68	29.72	3	13	4	6.7	N. W. 2	N. W. 3	N. W. 3	0	0	0		4th. Snow about ten inches deep on the level,
7	29.73	29.64	29.60	3	11	6	6.7	N. W. 2	N. W. 3	N. W. 2	2	1	0		and somewhat drifted. Day fine.
8	29.68	29.69	29.79	0	8	5	4.3	N. W. 3	N. W. 3	N. W. 3	10	2	0		5th. Pleasant, but cold.
9	29.82	29.66	29.63	2	20	13	11.7	N. W. 2	W'ly 1	N.W'ly 1	1	3	3		6th and 7th. Very cold.
10	29.63	29.54	29.42	17	27	23	22.3	W'ly 1	S. W. 1	S. W. 1	8	10	Snow		8th. Excessively cold.
S 11	29.36	29.39	29.60	21	27	16	21.3	N'ly 2	N. W. 2	N'ly 2	10	Snow	10		9th. Cold much abated.
12	29.70	29.78	29.86	4	19	10	11.0	N. W. 1	N. W. 1	N. W. 1	0	0	0		10th. Mild and cloudy in morning. Very moderate snow from S. W. in afternoon and evening.
13	29.84	29.72	29.64	10	30	16	18.7	S. W'ly 1	S. W. 1	S. W. 1	0	9	0		11th. Light snow in morning; quantity small.
14	29.62	29.57	29.64	12	28	22	20.7	N. W. 1	N. W. 1	N'ly 2	0	1	Snow		12th. Very fine. 13th. Very pleasant.
15	29.67	29.81	30.04	18	20	2	13.3	N. W. 1	N. W. 2	N. W. 3	10	5	0		14th. Pleasant. Light snow in the evening.
16	30.19	30.12	29.95	—3	17	17	10.3	N. W. 2	N. W. 2	S. W'ly 2	0	2	10		15th. Fresh dusting of snow on the ground this morning. Evening very cold.
17	29.74	29.67	29.86	19	29	14	20.7	S. W. 1	S. W. 2	N.W'ly 3	3	10	10		16th. Pleasant. Evening cloudy, with appearances of storm.
S 18	30.21	30.09	29.89	—9	—4	3	—3.3	N. W. 2	N. W. 2	N. E. 3	10	10	Snow		17th. Mild and pleasant. Evening cold.
19	29.05	28.94	29.17	6	12	8	8.7	N. E. 5	N. E. 4	N. W. 3	Snow	9	2	2.50	18th. Ther. this morning —9°, being lower than at any time since Feb. 7, 1855, when it was —15°; wind moderate at N.W. Began to snow at 6 P. M.;
20	29.61	29.74	29.85	6	20	16	14.0	N. W. 2	N. W. 3	N. W. 1	0	1	0		wind N. E., pretty brisk; ther. +2°.
21	29.74	29.69	29.64	21	36	25	27.3	S. E'ly 1	S'ly 1	S'ly 2	Sn., m't	10	7		19th. Storm of extreme severity last night. Snow
22	29.41	29.23	29.47	17	17	—6	9.3	N'ly 2	N'ly 2	N. W. 3	10	10	0		this morning very deep, and much drifted; wind
23	29.79	29.86	30.15	—14	—5	—10	—9.7	W.N.W. 4	W'ly 3	W'ly 1	0	0	0		heavy at N. E., and cold. Snowed with violence
24	30.29	30.20	29.97	—14	10	9	1.7	W'ly 1	S. E'ly 2	N. E. 1	2	3	Snow	0.10	till 11 A. M. Air full of snow P. M. Mostly clear
S 25	30.05	30.09	30.32	0	15	4	6.3	N. W. 1	N. W. 2	N. W. 1	0	0	0		at 10 P. M. About 18 inches of snow on the level.
26	30.53	30.51	30.36	—2	21	13	10.7	N. W. 2	S'ly 1	S. W'ly 2	0	Hazy	10		20th. Very fine.
27	30.20	30.07	30.09	32	40	36	36.0	S. W. 2	S. W. 2	S. W. 1	10	Misty	Rain	0.10	21st. Pleasant. Air full of snow-mist A. M.
28	30.22	30.19	30.14	33	35	30	32.7	N. W. 2	N. E. 2	N. E. 2	7	1	Snow		22d. An inch of fresh snow on the ground this morning, and snow still falling, which ceased before noon—amount small. Grew cold very fast towards night. At 10 P. M., thermometer 6° below zero, with a heavy wind.
29	30.02	29.93	29.93	25	31	29	28.3	N. E. 2	N. E. 1	N'ly 1	10	Snow	8	0.20	
30	30.07	30.09	30.20	22	31	22	25.0	N. W. 2	N. E. 2	N'ly 2	0	0	2		23d. At sunrise, thermometer 14° below zero, with a very heavy wind from about W. N. W. This has been the coldest day, and the severest to be out, for a period of twenty-five years; its mean temperature being 9°.7 below zero.
31	30.12	29.85	29.48	26	32	39	32.3	N. E. 3	N. E. 3	E'ly 2	Snow	Hail	Rain	1.40	
Means	29.84	29.79	29.81	11.9	22.0	15.0	...	1.8	2.1	2.0	5.1	5.4	5.3	5.50	24th. Extremely cold morning. Ther. —14°, but air very calm. Began to snow from 4 to 5 P. M.
									2.0			5.3			25th. Cold, but pleasant. About three inches of extremely light snow fell last night.
REDUCED TO SEA LEVEL.															26th. Wind S'ly in afternoon, and air very raw. Evening mostly cloudy.
Max.	30.71	30.69	30.54	33	40	39	36.0								27th. Cloudy, with mist. Light rain in evening.
Min.	29.21	29.12	29.35	—14	—5	—10	—9.7								28th. Mild. Began to snow from 8 to 9 P. M.
Mean	30.02	29.97	29.99												29th. Mist and light snow. Stars out at 10 P. M. About an inch of fresh snow fell.
Range	1.50	1.57	1.19	47	45	49	45.7								30th. Very fine.
Mean of month		29.993		...	...	...	16.3								31st. Snow A. M. Heavy rain P. M. and evening.
Extreme range		1.59		...	...	...	54.0								

Prevailing winds from some point between— Days.

N. & E.	7
E. & S.	2
S. & W.	5
W. & N.	17

	Days.
Clear	9
Variable	7
Cloudy	
Rain or snow fell on	15

February, 1857. New Moon, 24d. 4h. 50m. A. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
S 1	29.62	29.60	29.62	32	43	27	34 0	S. W. 1	S. W. 1	S. W. 1	10	10	0		1st. Very mild. Cloudy in morning. Clouds broken in afternoon. Evening mostly clear. Fog-bow and haze around the moon.
2	29.65	29.69	29.94	20	21	12	17.7	N. W. 1	N. W. 2	N. W. 1	7	0	0		2d. Pleasant. Evening cold.
3	30.13	30.20	30.29	4	21	14	13.0	N. W. 1	N. W. 1	N. W. 1	0	0	3		3d. Pleasant. Fog-bow about moon in evening.
4	30.11	29.96	30.07	26	43	34	34.3	S. W. 1	S. W. 3	S. W. 2	8	10	Rain		4th. Mild. Light showers in the evening.
5	30.18	30.20	30.21	35	34	30	33.0	N. E. 1	N. E. 1	N. E. 2	Rain	Foggy	Misty		5th. Mild. Light rain this morning. Fog and mist through the day.
6	30.20	30.15	30.53	30	47	38	38.3	N. E. 1	S. W'ly 2	S'ly 2	Foggy	5	7		6th. Mild and pleasant.
7	30.21	30.15	30.07	40	46	41	42.3	S'ly 1	S. S. E. 1	S. E'ly 2	10	Foggy	Foggy		7th. Mild. Dense fog all day.
S 8	29.93	29.85	29.76	45	49	43	45.7	S. W'ly 2	S.S.W. 2	N.W'ly 4	Foggy	Foggy	Rain	1.25	8th. Mild. Fog and mist through day. Heavy showers in the evening.
9	30.04	30.17	30.30	28	25	16	23.0	N.W'ly 3	N. W. 4	N.W'ly 3	Snow	0	0		9th. Grew cold during day. Evening splendid.
10	30.19	29.95	30.26	15	30	9	18.0	W'ly 2	S. W'ly 3	N.W'ly 5	0	8	0		10th. Fine. Cold and blustering in evening.
11	30.41	30.39	30.58	2	13	6	7.0	W.N.W. 2	N. W. 2	N. W. 1	0	5	0		11th. Fine, but cold. Evening very clear.
12	30.80	30.77	30.66	—3	14	15	8.7	N. E. 1	N. E. 1	S'ly 2	0	0	10		12th. The barometer at 10 A. M. stood at 30.87, being higher than I have ever before seen it. The wind came round to S'ly early in the afternoon. Evening cloudy, with appearances of storm. Barometer began to fall before noon.
13	30.33	30.09	30.08	31	43	34	36.0	S'ly 2	S'ly 3	W'ly 1	10	Rain	0	0.25	13th. Light rain from S'ly nearly all day. Evening mostly clear.
14	30.17	30.25	30.25	30	43	30	34.3	S. W'ly 1	S. W'ly 2	S. W. 1	8	2	0		14th. Very fine.
S 15	30.06	29.98	29.99	40	49	35	41.3	S. W. 2	S. W. 2	S. W. 1	Foggy	3	0		15th. Very fine. Evening still and clear.
16	29.99	29.96	29.97	41	55	46	47.3	S. E'ly 2	S. W. 2	S. W. 1	Foggy	Sprin'le	7		16th. Remarkably mild. Thick fog in the morning. Sprinkling of rain from 1 to 2 P. M.
17	29.94	29.87	29.82	41	61	48	50.0	S. E'ly 1	S. W. 2	S'ly 2	Foggy	8	Foggy		17th. Very warm for the season. Fog in the morning and evening. Sunshine at mid-day.
18	29.79	29.76	29.78	45	57	43	48.3	S. W. 1	S. E'ly 1	S'ly 1	Foggy	0	0		18th. Very fine. Snow nearly all gone, and the frost out of the ground in many places.
19	29.65	29.77	29.96	35	35	30	33.3	N. E. 1	N. E. 2	N. E. 3	Foggy	10	Snow		19th. Light rain at mid-day. Began to snow from 8 to 9 P. M.
20	30.14	30.09	29.84	28	33	32	31.0	N. E. 2	N. E. 2	N. E. 2	10	10	Rain	0.65	20th. About an inch of fresh snow on the ground this morning. Mist through the day. Rain in the evening.
21	29.54	29.55	29.86	33	42	32	35.7	N. E. 1	N.W'ly 2	N. W. 2	10	5	0		21st. Cloudy in the morning. Ground covered with sleet. Evening clear.
S 22	30.01	29.91	29.86	26	39	28	31.0	N. W. 1	S'ly 2	S'ly 1	0	0	0		22d. Very fine.
23	29.76	29.67	29.82	27	47	33	35.7	N. W. 1	W'ly 3	W'ly 1	0	10	0		23d. Pleasant in the morning. Cloudy, and air raw.
24	29.89	29.82	29.61	30	48	43	40.3	S. W. 1	S. E. 3	S'ly 1	2	2	1		24th. Very fine.
25	29.50	29.45	29.57	52	68	45	55.0	S. W. 3	S. W. 3	N. W. 3	9	9	2		25th. Pleasant, and very warm for the season. The warmest day since October 22, 1856.
26	29.73	29.83	30.05	31	33	20	28.0	N. W. 2	N. W. 3	N. W. 2	3	2	0		26th. Flurry of snow between 9 and 10 A. M. Evening clear and blustering. Faint aurora low down in the north.
27	30.12	29.99	29.74	16	29	25	23.3	N. W. 2	N. W. 2	W'ly 1	7	9	10		27th. Air raw. Appearances of storm in the evening.
28	29.41	29.40	29.43	27	33	28	29.3	W'ly 1	N.W'ly 3	N. W. 1	Snow	0	0	0.20	28th. Between two and three inches of fresh snow on the ground this morning. Mostly clear in the afternoon and evening.
Means	29.98	29.95	30.00	28.8	39.3	29.9	...	1.5	2.1	1.7	6.9	5.2	4.0	2.36	
									1.8			5.4			
REDUCED TO SEA LEVEL.															
Max.	30.98	30.95	30.84	52	68	48	55.0								
Min.	29.59	29.58	29.61	—3	13	6	7.0								
Mean	30.16	30.13	30.18												
Range	1.39	1.37	1.23	55	55	42	48.0								
Mean of month			30.157	...	...	...	32.7								
Extreme range			1.40	...	...	...	71.0								

Prevailing winds from some point between—	Days.
N. & E.	4
E. & S.	3
S. & W.	11
W. & N.	10

	Days.
Clear	4
Variable, Cloudy	14
Rain or snow fell on	10

March, 1857. New Moon, 25d. 5h. 20m. P. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.		
S 1	29.44	29.40	29.42	20	31	24	25.0	N. W. 2	S'ly 2	N. E. 3	5	10	Snow		1st. Air raw. Snow in evening; wind N. E'ly.
2	29.34	29.22	29.38	24	16	16	18.7	N. E. 4	N. by E. 5	N'ly 4	Snow	Snow	Snow	0.50	2d. Violent snow-storm all day; wind very heavy. Quantity of snow not large, but much drifted.
3	29.55	29.63	29.79	9	23	17	16.3	N. W. 2	N. W. 2	N. W. 1	3	0	0		3d and 4th. Very fine.
4	29.85	29.85	29.93	19	39	26	28.0	S. W. 1	S. W. 2	S. W. 1	0	3	0		5th. Pleasant. Indications of storm in evening.
5	29.99	29.96	29.87	21	39	34	31.3	Calm	S'ly 2	S'ly 2	0	5	10		6th. Rain and snow last night. Foggy this morning and calm, with light mist. Mostly clear in the afternoon and evening.
6	29.27	29.18	29.54	34	41	24	33.0	E'ly 1	W'ly 2	N. W. 2	Misty	7	0	0.75	7th. Very fine overhead, but extremely blustering.
7	29.58	29.71	30.02	21	24	15	20.0	N. W. 3	W by N 4	N. W. 2	0	0	0		8th. Cool and very clear.
S 8	30.22	30.20	30.19	10	27	18	18.3	N. W. 2	N'ly 2	N. W. 1	0	0	0		9th. Mostly clear till 8 A. M., and then cloudy. Began to snow from 3 to 4 P. M.
9	30.06	29.77	29.33	15	38	32	28.3	E'ly 1	S. E. 3	S'ly 1	1	10	Snow	0.75	10th. About four inches of snow on the ground this morning. Wind very blustering and cold from about W. by N. Evening clear and cold.
10	29.48	29.69	29.93	23	26	14	21.0	W by N. 4	W by N 3	N. W. 2	1	0	2		11th. Air very raw in the afternoon. Began to snow very moderately at 7 P. M.
11	29.98	29.88	29.71	6	34	30	23.3	S. W. 2	S. E'ly 2	S'ly 1	1	10	Snow		12th. From three to four inches of fresh snow fell last night. Weather cold and very blustering. Evening clear.
12	29.74	29.85	30.09	26	24	13	21.0	W'ly 2	N. W. 3	N. W. 2	2	0	0		13th. Pleasant in the morning. Air S. E'ly and very raw in the afternoon.
13	30.30	30.23	30.10	8	27	22	19.0	N. W. 1	S. E. 2	S. E'ly 2	0	0	7		14th. Snowing very moderately about sunrise. Mostly clear in the afternoon. Evening very clear. From one to two inches of snow.
14	29.84	29.58	29.70	27	43	30	33.3	S'ly 1	S. W'ly 1	N. W. 1	Snow	4	0	0.15	15th. Very fine.
S 15	29.90	29.96	29.99	30	42	28	34.0	W'ly 1	S. E'ly 2	S. E'ly 1	7	0	0		16th. Very fine at mid-day. Shower in evening, and thick fog.
16	29.90	29.77	29.59	34	46	37	39.0	S'ly 1	S'ly 2	S'ly 1	9	2	Shower		17th. Very fine. Evening cloudless, and air very clear.
17	29.65	29.71	29.96	33	48	34	38.3	N. W. 2	N. W. 2	N. W. 1	0	0	0		18th. Pleasant, though cloudy.
18	30.01	29.98	29.86	30	48	40	39.3	S'ly 1	S. E'ly 2	S'ly 2	9	10	2		19th. Heavy shower in the morning, with some thunder.
19	29.52	29.21	29.10	44	48	36	42.7	S'ly 3	S'ly 2	W'ly 3	10	Shower	10	1.20	20th Snow-squall from 11 A. M. to noon. Evening very clear.
20	29.15	29.36	29.69	33	40	30	34.3	W'ly 3	W'ly 3	N. W. 2	3	10	0		21st. Air raw and unpleasant.
21	29.76	29.73	29.79	29	37	32	32.7	N. E. 1	S'ly 2	S'ly 2	9	10	8		22d. Light flurry of snow last night. Air raw and chilly all day.
S 22	29.98	30.08	30.24	30	40	29	33.0	N. W. 3	N'ly 2	N. E. 2	7	10	2		23d. Cloudy. Air raw and chilly in morning.
23	30.26	30.09	29.92	27	37	35	33.0	N. W. 1	S'ly 2	S'ly 2	8	10	10		24th. Very mild. Air light at S. W'ly.
24	29.76	29.65	29.58	36	49	41	42.0	S. W'ly 1	S. W'ly 1	S'ly 1	Foggy	10	10		25th. Mild and pleasant in the morning. Grew cold in the evening.
25	29.41	29.32	29.38	36	50	34	40.0	S. W. 1	N. W. 2	N. W. 3	2	3	0		26th. Pleasant. Evening clear.
26	29.39	29.43	29.57	31	46	35	37.3	N. W. 2	N. W. 2	N. W. 1	0	8	0		27th. Very fine. Evening cloudy.
27	29.53	29.47	29.56	31	51	40	40.7	N. W. 1	N. W. 1	N. W. 1	0	3	10		28th. Cloudy and mild.
28	29.56	29.53	29.62	36	48	40	41.3	N'ly 2	N'ly 1	N'ly 1	10	10	10		29th. Cloudy through the day. Light sprinkling of rain at 5 P. M.
S 29	29.63	29.64	29.74	36	52	42	43.3	N. W'ly 1	N. E. 1	N. E. 2	8	10	10		30th. Mild and pleasant, though cloudy.
30	29.81	29.84	29.87	37	52	42	43.7	N'ly 1	N'ly 1	S'ly 1	8	9	10		31st. Very fine.
31	29.86	29.77	29.69	37	61	40	46.0	N. W. 1	W'ly 1	W'ly 1	2	2	0		
Means	29.73	29.70	29.75	26.9	39.6	30.0	...	1.7	2.1	1.7	4.5	5.6	4.5	3.35	
									1.8			4.9			
REDUCED TO SEA LEVEL.															
Max.	30.48	30.41	30.42	44	61	42	46.0								
Min.	29.33	29.36	29.28	6	16	13	16.3								
Mean	29.91	29.88	29.93												
Range	1.15	1.05	1.14	38	45	29	29.7								
Mean of month			29.907	...	...	...	32.2								
Extreme range			1.20	...	...	...	55.0								

Prevailing winds from some point between—	Days.
N. & E.	3
E. & S.	6
S. & W.	8
W. & N.	14

	Days.
Clear	10
Variable, Cloudy	10
Rain or snow fell on	11

April, 1857. New Moon, 24d. 2h. 6m. A. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Relative Humidity.	Rain and Snow in Inches of Water.	REMARKS.
1	29.55	29.36	29.21	37	53	43	44.3	W'ly 1	N. W. 3	S'ly 2	7	10	Sprin'le	...		1st. Mild. Very dusty A. M.; wind N.W. Sprinkling towards night; wind E'ly.
2	29.63	29.68	30.00	15	22	20	19.0	N. W. 2	N. W. 4	N. W. 2	Snow	2	0	...		2d. Flurry of snow last night. Extremely cold this morning; Wind brisk N. W.
3	30.05	30.10	30.08	18	40	30	29.3	N. W. 1	S. W. 1	S. W'ly 2	0	3	2	...		3d. Raw and cold for the season. Circle round the moon in the evening.
4	30.02	29.90	29.99	32	52	36	40.0	S. W. 2	S. W. 2	S. W. 1	8	0	0	...		4th. Very fine. Circle about the moon.
S 5	29.96	29.89	29.80	37	59	46	47.0	S'ly 2	S'ly 1	S. W. 2	Foggy	Sprin'le	3	...		5th. Pleasant. Sprinkling of rain from noon to 1 P. M.
6	29.62	29.43	29.30	48	52	49	49.7	S'ly 3	S. W. 4	S. W. 3	Rain	Rain	Rain	...	1.87	6th. Wind very heavy, with copious rain in the afternoon and evening.
7	29.68	...	30.13	31	...	31	...	N. W. 2	...	S. W'ly 1	2	...	0	...		7th. Cool, but fine. Circle about moon.
8	30.13	30.14	30.08	28	46	35	36.3	W.byS. 1	S'ly 3	S. W. 1	0	1	1	...		8th. Very fine.
9	30.01	29.89	29.82	34	54	42	43.3	E'ly 1	S'ly 2	S'ly 2	7	10	Rain	...	0.50	9th. Very pleasant morning. Cloudy towards night. Began to rain at 6 P. M.
10	29.75	29.64	29.46	37	43	41	40.3	N. E. 3	N. E. 3	N. E. 2	Rain	10	10	...		10th. Light rain A. M. Cloudy, mist, and occasional rain in afternoon and evening.
11	29.50	29.54	29.63	43	62	44	49.7	S. W. 1	S. W. 2	S. W. 1	10	5	0	...		11th. Very fine.
S 12	29.69	29.71	29.73	44	48	44	45.3	S. W. 1	S. W. 1	E'ly 1	10	Rain	Rain	...	0.50	12th. Light rain through day and evening.
13	29.77	29.77	29.62	39	59	41	46.3	N. W. 1	E'ly 2	N. E. 2	5	10	10	...		13th. Cloudy in the morning. Appearances of storm in the evening.
14	29.32	28.97	29.03	41	46	38	41.7	N. E. 4	N. E. 3	N. W. 3	Misty	Rain	0	...	0.62	14th. Morning misty; wind heavy N. E. Wind slightly abated at noon, with copious rain. From 6 to 7 P. M., bar. 29.00; showed indications of rising at 7½ P. M. At 8 P. M., clouds broken. Clear at 10 P. M.
15	29.16	29.19	29.29	38	54	34	40.7	W'ly 2	S. W. 3	N. W. 3	9	6	0	...		15th. Variable. Snow-gust at 9 to 10 P. M. Clear at 11 P. M.; wind blustering N. W.
16	29.47	29.56	29.59	30	51	36	39.0	N. W. 2	S. W. 2	S'ly 2	0	7	10	...		16th. Ground crusted with frost this morning, and in many places, in the shade, white with snow till after 8 A. M.
17	29.48	29.39	29.42	33	43	38	38.0	N. W. 1	N. W. 3	N. W. 4	Snow	10	10	...		17th. Half an inch of snow on the ground this morning. Frequent snow-squalls during the day.
18	29.50	29.66	29.80	37	47	34	39.3	N. W. 2	N. W. 2	N. E. 2	7	10	0	...		18th. Cloudy through the day. Evening very clear; wind N. E.
S 19	29.89	29.86	29.79	38	42	38	39.3	N. E. 3	N. E. 3	N. E. 3	Misty	10	10	...		19th. Air very raw and chilly. Appearances of storm in the evening.
20	29.55	29.32	29.22	37	40	41	39.3	N. E. 3	N. E. 4	N. E'ly 3	10	Rain	Rain	...	2.80	20th. Began to rain from 10 to 11 A. M., and continued through day and evening.
21	29.19	29.30	29.47	34	34	35	34.3	N. E. 4	N. E. 4	N'ly 2	R'n, sn.	Snow	5	...		21st Storm very severe. It snowed fast from 6 A. M. till 7 P. M., thawing as it fell in early part of day, but two or three inches accumulated in afternoon. Clouds broken at 9 P. M. Mostly clear at 11 P. M.
22	29.44	29.47	29.50	35	40	37	37.3	N. E'ly 3	N. E. 3	N. E. 2	10	7	10	...		22d. Air cold and raw, and the ground in many places covered with snow.
23	29.48	29.50	29.59	38	50	39	42.3	N. W. 1	N. W. 2	N. W. 1	5	2	0	...		23d. Very pleasant. Snow disappeared.
24	29.59	29.54	29.65	36	58	44	46.0	N. W. 1	N. W. 2	N. W. 1	0	4	0	...		24th, 25th, and 26th. Very fine.
25	29.64	29.64	29.69	40	55	41	45.3	N. W. 1	N. W. 2	N. W. 1	2	3	0	...		27th. Moderate rain at intervals. Clear in the evening.
S 26	29.70	29.68	29.72	39	58	44	47.0	N. W. 1	N. W. 2	N'ly 1	0	3	2	...		28th and 29th. Very fine.
27	29.64	29.46	29.39	42	50	42	44.7	E'ly 1	S. E. 3	N. W. 1	9	Rain	0	...		30th. Very fine. Evening splendid.
28	29.48	29.42	29.84	38	51	43	44.0	N. W. 2	N. W. 3	N. W. 2	0	7	0	...		
29	29.88	29.90	30.01	42	55	40	45.7	N. W. 1	N. W. 1	N. W. 2	2	0	2	...		
30	30.11	30.11	30.22	37	58	38	44.3	N. E. 1	W.by S 2	S'ly 2	1	0	0	...		
Means	29.66	29.62	29.65	35.9	49.0	38.2	...	1.8	2.5	1.9	6.1	6.3	4.2	...	6.29	
									2.1			5.5				
REDUCED TO SEA LEVEL.																
Max.	30.31	30.32	30.40	48	62	49	49.7									
Min.	29.34	29.15	29.21	15	22	20	19.0									
Mean	29.84	29.80	29.83													
Range	0.97	1.17	1.19	33	40	29	30.7									
Mean of month			29.823	...	...	...	40.1									
Extreme range			1.25	...	...	...	47.0									

Prevailing winds from some point between— Days.

N. & E.	7
E. & S.	2
S. & W.	10
W. & N.	11

	Days.
Clear	8
Variable	10
Cloudy	
Rain or snow fell on	12

May, 1857. New Moon, 23d. 9h. 39m. A. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.			
1	30.24	30.24	30.12	34½	51	40½	42.0	S'ly 1	S'ly 2	S'ly 2	0	4	Hazy	63		1st. White frost in abundance this morning. Air cold and raw during the day.
2	30.00	29.86	29.75	44	57	52	51.0	S. E'ly 2	S'ly 2	S'ly 3	10	10	Rain	82	0.65	2d. Occasional sprinkling of rain.
S 3	29.73	29.72	29.84	55	62	51	56.0	N. W. 1	S'ly 2	S'ly 2	10	5	7	93		3d. Cloudy and mild. Bow round moon.
4	29.85	29.83	29.80	51	49	45	48.3	N. E'ly 1	N. E. 1	N. E. 1	Rain	Rain	Misty	100		4th. Moderate rain nearly all day. Fog and mist in the evening.
5	29.63	29.53	29.58	49	56	50	51.7	N. E. 1	S. W. 2	S. W. 1	Foggy	Misty	8	97	0.73	5th. Light rain at intervals in the morning. Clouds broken in the evening.
6	29.59	29.57	29.69	48	62	52	54.0	S. W. 1	S'ly 3	S. W. 1	0	0	0	76		6th. Very fine. Evening splendid.
7	29.75	29.74	29.85	48	65	49	54.0	S. W. 1	S'ly 2	S'ly 1	0	5	0	64		7th and 8th. Very fine.
8	29.87	29.88	30.02	48	66	48	54.0	N. W. 1	N. W. 1	N. W. 1	0	2	0	64		9th. Very fine. Cherry-trees in bloom.
9	30.03	29.96	29.85	51	71	47	56.3	S. W. 2	S. W. 3	S. W. 1	0	0	0	59		10th. Pleasant. Sprinkling of rain at 7 P. M., with lightning.
S 10	29.61	29.44	29.44	53	70	58	60.3	S. W. 3	S. W. 3	N. W. 2	2	0	0	85		11th. Pleasant. Cool for the season.
11	29.57	29.68	29.77	43	49	39	43.7	N. W. 2	N. W. 3	N. W. 1	0	2	10	48		12th. Pleasant, but cool.
12	29.93	29.89	29.91	37	58	42½	55.7	N. W. 1	N. W. 2	S. W'ly 2	8	0	0	48		13th. Clear. Air cold and raw P. M.
13	29.94	29.85	29.86	37	60	50	49.0	S. W. 1	S'ly 2	S'ly 1	0	0	0	49		14th. Mild. Sprinkling of rain in afternoon. Moderate rain in evening.
14	29.74	29.60	29.50	45	58	49	50.7	S'ly 1	S'ly 1	S'ly 1	10	10	Rain	78		15th. Moderate rain P. M. and evening.
15	29.50	29.44	29.41	47	53	44½	48.2	N'ly 1	S'ly 2	...	10	Sprin'le	...	91		16th. Moderate rain till about 3 P. M. Evening cloudy.
16	29.50	29.64	29.78	43	45	43	43.7	N. E. 2	N. E. 2	N. E. 1	Rain	Rain	10	88		
S 17	29.81	29.79	29.89	44	45	44	44.3	N. E. 1	S. E'ly 2	N. W. 2	Rain	Rain	2	80	1.00	17th. Rainy in morning. Brisk shower of rain and hail from 1 to 2 P. M. Mostly clear at 3 P. M.; wind came from S'ly to N. W.
18	29.98	29.99	29.96	43	48	40	43.7	N. E. 3	N. E. 2	N'ly 2	10	10	1	78		18th. Cloudy all day. Cold for the season. Mostly clear at 10 P. M.
19	29.87	29.67	29.57	40	47	45	44.0	N. E. 3	N. E. 4	N. E. 4	10	Rain	Rain	84	0.45	19th. Cloudy in morning. Began to rain from 1 to 2 P. M. Rain in the evening.
20	29.44	29.38	29.47	43	47½	43	44.4	N. E. 5	N. E. 2	N. E. 2	Misty	Misty	Misty	97		20th. Mist through day; occasional rain.
21	29.49	...	29.59	42½	...	44	...	N. E. 2	...	N'ly 2	Misty	...	5	74		21st. Cloudy day; occasional rain.
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...		22d. Pleasant.
23	...	...	29.67	...	...	56	...	...	...	S'ly 1	...	...	0	68		23d. Mild and pleasant.
S 24	29.70	29.72	29.77	57	72	55	61.3	S. W'ly 1	S. W. 1	S. W. 1	1	2	1	77		24th. Very fine. 25th. Very warm.
25	29.76	29.68	29.72	55	79	60	64.7	S. W. 1	S. W. 2	S'ly 1	1	1	0	57		26th. Very hot in morning; wind W'ly. Wind came to N. E. towards night; grew cold fast. Ther. rose to 85° in the shade—higher than at any time since Aug. 12, 1856.
26	29.74	29.74	29.87	65	85	48	66.0	S'ly 1	S. W'ly 2	N. E. 2	2	2	2	53		
27	29.92	29.87	29.84	45	64	58	55.7	N. E. 2	N. E. 2	S'ly 2	Foggy	3	2	84		
28	29.70	29.65	29.64	58	63	57	59.3	S. W. 3	S. W. 2	S. W. 1	Rain	10	Misty	83		
29	29.46	29.47	29.52	58	63	55	58.7	S'ly 2	S. W. 2	S'ly 1	Rain	5	2	100	1.15	27th. Pleasant. Fog A. M. Clear evening.
30	29.58	29.65	29.77	55	67	54	58.7	N. W. 2	W'ly 3	N. W. 2	2	2	1	63		28th. Heavy rain this morning. Mist in the afternoon and evening.
S 31	29.83	29.69	29.71	56	59	59	58.0	S. W. 1	S. E. 2	S'ly 1	5	Rain	10	91	0.35	29th. Rain A. M. Pleasant P. M.
Means	29.75	29.72	29.74	46.5	59.7	49.2	...	1.7	2.1	1.6	5.9	5.4	4.5	77	4.33	30th. Very fine; air remarkably clear.
									1.8			5.3				31st. Brisk rain from 1 to 3 P. M. Evening cloudy.
REDUCED TO SEA LEVEL.																
Max.	30.42	30.42	30.30	65	85	60	66.0									
Min.	29.62	29.56	29.59	34½	45	39	42.0									
Mean	29.93	29.90	29.92													
Range	0.80	0.86	0.71	30½	40	21	24.0									
Mean of month			29.917	...	...	...	52.8									
Extreme range			0.86	...	...	...	50.5									

Prevailing winds from some point between— Days.

N. & E.	7
E. & S.	3
S. & W.	16
W. & N.	4

	Days.
Clear	8
Variable	8
Cloudy	
Rain fell on	14
(1 day omitted,)	

Note.—The column headed "Relative Humidity" is now for the first time introduced into this Record. The number 100 represents the atmosphere saturated with vapor, so that, with the least reduction of temperature, the vapor would be condensed into fog or mist. The results have been deduced from three daily observations with the standard dry and wet-bulb thermometers of the Smithsonian Institution.

June, 1857. New Moon, 21d. 4h. 55m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Relative Humidity.	Rain and Snow in Inches of Water.	REMARKS.
1	29.65	29.57	29.49	59	68	61	62.7	S'ly 1	S'ly 2	S'ly	Rain	10	Rain	92	0.40	1st. Rain, with heavy thunder at 2 or 3 A. M. Rain again in the evening.
2	29.39	29.36	29.39	61	71	61	64.3	S'ly 1	S. W. 2	S. W. 1	Foggy	7	0	86		2d. Pleasant. Evening clear.
3	29.49	29.45	29.45	58	73	60	63.7	N. W. 1	W'ly 3	S. W. 2	0	0	3	66		3d and 4th. Very fine.
4	29.48	29.53	29.63	60	70	58	62.7	S. W'ly 2	S. W'ly 3	N. W'ly 2	0	1	10	67		5th. Pleasant. Evening cool.
5	29.64	29.58	29.59	53	61	52	55.3	N. W'ly 1	N. W. 2	N. W. 1	10	5	0	70		6th. Pleasant. Quite cool for the season.
6	29.57	29.55	29.54	47	62	52	60.0	N. W. 1	N. W. 3	N. W. 1	0	7	10	65		7th Light rain in the morning Evening pleasant.
S 7	29.46	29.50	29.56	54	63	63	56.3	S'ly 2	S'ly 1	W'ly 1	Rain	10	9	61		8th and 9th. Pleasant.
8	29.65	29.71	29.81	51	67	51	56.3	N. E. 1	N. E. 2	S'ly 1	0	3	1	71		10th. Pleasant; mostly cloudy. Light sprinkling of rain in the evening.
9	29.81	29.81	29.80	52	64	54	56.7	S'ly 1	S'ly 3	S. W. 1	10	8	10	64		11th. Light rain and mist all day. Mostly clear at 10 P. M.
10	29.76	29.71	29.60	56	66	56	59.3	E'ly 1	S'ly 2	S'ly 2	9	9	Rain	85	0.45	12th. Very clear in the morning. Evening mostly cloudy.
11	29.40	29.23	29.09	58½	59½	57	58.3	S. E. 2	S. E. 1	S. W. 1	Misty	Rain	2	97		13th. Very fine. Sprinkling of rain at 7½ P. M. Evening clear.
12	29.16	29.29	29.45	61	73	62½	65.3	W.by S. 3	S. W'ly 3	S. W. 2	0	2	8	59		14th. Very fine.
13	29.46	29.47	29.48	66	79	67	71.0	S. W. 2	W'ly 2	W'ly 1	2	0	0	62		15th. Very fine. Evening splendid.
S 14	29.59	29.60	29.68	63	76	62	67.0	W'ly 2	N. W. 3	N. W. 1	1	0	0	62		16th Light rain in afternoon and evening. Air cool.
15	29.75	29.73	29.74	55	75	59	63.0	N. W. 1	N. W. 2	N. W. 1	1	0	1	48		17th. Cool and cloudy.
16	29.76	29.75	29.72	58	61	52	57.0	N. E'ly 1	N. E. 2	S. W'ly 2	10	Rain	Rain	65		18th. Occasional light rain and mist. Cold for the season.
17	29.71	29.71	29.77	54	63	56	57.7	S. W. 2	S'ly 2	S. W. 1	Misty	10	10	81		19th. Rain and mist. Warmer in the evening, with rain and fog continued.
18	29.72	29.66	29.69	52	59	53	54.7	N. E'ly 1	N. E. 2	N. E. 1	Rain	Misty	10	98	0.75	20th. Warm and foggy, with some mist. The sun out occasionally.
19	29.71	29.70	29.70	53	57	61	53.7	N. E. 1	N. E. 1	S'ly 1	Rain	Rain	Rain	100		21st. Mild. Sun out occasionally. Fog in the evening.
20	29.70	29.74	29.69	63	68	64	65.0	S. E'ly 1	S'ly 1	S'ly 1	Foggy	10	Foggy	96		22d. Brisk shower of hail and rain for a few minutes at 9 A. M. Evening mostly clear, and air dried.
S 21	29.69	29.66	29.67	65	74	63	67.3	S. W. 2	S. W. 2	S. W. 1	10	9	Foggy	90		23d. Pleasant and cool.
22	29.56	29.48	29.37	62	67	58	62.3	S. W. 1	S. W. 2	S. W'ly 2	Foggy	10	1	91		24th. Fine.
23	29.37	29.49	29.61	59	67	58	61.3	S. W'ly 3	S. W'ly 3	W'ly 2	1	8	3	60		25th. Very fine in the morning. Gust of wind, with thunder and light rain, at 7 P. M. Mostly clear at 10 P. M.
24	29.67	29.64	29.65	61	71	61	64.3	N. W'ly 2	N. W. 2	N. W. 1	3	1	0	68		26th. Very fine.
25	29.62	29.54	29.62	68	82	63	71.0	N. W. 2	W'ly 3	N. W. 1	0	2	2	45	0.30	27th. Very fine. Air extremely dry; dew-point below 38° at 1 P. M.
26	29.57	29.52	29.65	66	80	60	68.7	N. W. 2	N. W. 3	N. W. 1	3	1	0	51		28th. Very fine; air dry. Evening splendid.
27	29.66	29.64	29.68	63	79	63	68.3	N. W. 1	N. W. 3	N'ly 1	2	0	0	42		29th. Pleasant. Hot sun in the morning. Cloudy for the most part in the afternoon and evening.
S 28	29.67	29.65	29.66	65	76	62	67.7	N. E'ly 2	N. E. 2	N. E. 1	2	0	0	52		30th. Cloudy, with occasional heavy mist. Cold for the season.
29	29.62	29.61	29.62	57	74	58	63.0	S. E'ly 1	S. E'ly 2	S. E'ly 1	5	8	10	72		
30	29.61	29.59	29.60	56	58	55	56.3	S'ly 2	N. E. 2	N. E. 2	10	10	10	87		
Means	29.60	29.58	29.60	58.5	68.8	58.7	...	1.5	2.2	1.2	6.0	5.7	5.3	69.1	1.90	
								1.6			5.7					
REDUCED TO SEA LEVEL.																
Max.	29.99	29.99	29.99	68	82	67	71.0									
Min.	29.34	29.41	29.27	47	57	51	53.7									
Mean	29.78	29.76	29.78													
Range	0.65	0.58	0.72	21	23	16	17.3									
Mean of month			29.773	...	...	...	62.0									
Extreme range			0.72	...	...	...	35.0									

Prevailing winds from some point between—	Days.
N. & E.	6
E. & S.	4
S. & W.	12
W. & N.	8

	Days.
Clear	9
Variable, Cloudy	11
Rain fell on	10

July, 1857. New Moon, 20d. 1h. 4m. A. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.			
1	29.60	29.68	29.78	53	55	53	53.7	N. E. 2	N. E'ly 3	N. E. 2	Misty	10	10	92		1st. Cloudy and cold, with occasional heavy mist.
2	29.77	29.82	29.85	49	63	54	55.3	N. E. 1	N. E. 3	N. E. 2	2	10	Rain	72		2d. Very cold; thermometer at sunrise 46°. Light rain at 10 P. M.
3	29.77	29.73	29.71	52	57	56	55.0	N. E. 2	N. E. 2	N. E. 2	Rain	Rain	10	100	0.20	3d. Cold and unpleasant. Occasional mist and light rain.
4	29.70	29.73	29.79	56	71	60	62.3	N. E'ly 2	S'ly 1	S'ly 1	10	4	0	85		4th. Weather warmer. Evening clear.
S 5	29.87	29.85	29.95	65	78	63	68.7	N. W. 1	N. W. 1	S'ly 1	5	5	0	72		5th. Pleasant.
6	29.91	29.88	29.83	61	72	63	65.3	N. E'ly 1	S. E'ly 2	S. W. 1	Misty	Misty	8	89		6th. Occasional heavy mist in the morning. Air very damp in the evening.
7	29.79	29.76	29.64	65	81	69	71.7	S. W'ly 2	W'ly 3	S. W. 2	5	2	5	72		7th. Pleasant; air warm and sultry.
8	29.66	29.73	29.86	66	75	61	67.3	N. W. 1	N. W. 3	N. W. 1	0	1	0	64		8th. Very fine. Evening nearly cloudless.
9	29.94	29.97	30.04	60	77	66	67.7	N. W. 1	N. W. 2	N. W. 1	0	2	0	58		9th. Very fine.
10	30.07	30.04	30.05	67	80	64	70.3	N. W. 1	S. W. 2	S. W. 1	0	2	0	68		10th. Fine.
11	29.98	29.87	29.85	66	79	71	72.0	S. W'ly 1	S'ly 3	Calm	7	3	0	82		11th. Warm and sultry. Thunder from 4 to 5 P. M., but no rain. Evening clear.
S 12	29.83	29.76	29.81	70	88	73	77.0	S'ly 1	S. W'ly 1	S'ly 1	3	2	0	68		12th. Very little air stirring, and excessively hot.
13	29.85	29.81	29.82	66	85	69	73.3	E'ly 1	S. E. 2	E'ly 1	7	3	5	75		13th. Very sultry, with appearances of shower in the afternoon.
14	29.80	29.76	29.77	76	85	71	77.3	S. E. 2	S. E. 3	S. W. 1	5	3	0	88		14th. Prevalence of clouds through the day. Evening clear.
15	29.78	29.76	29.80	73	87	69	76.3	S. W. 1	S. W. 3	W'ly 1	7	0	0	70		15th. Fine; sun very hot.
16	29.80	29.83	29.84	70	77	68	71.7	S. W. 2	S. W. 3	S. W. 2	3	0	1	84		16th. Very fine.
17	29.86	29.75	29.77	68	76	71	71.7	S. E. 1	S. E. 1	S'ly 1	Rain	8	10	92		17th. Showery and warm.
18	29.77	29.66	29.64	70	79	72	73.7	S. W. 1	S. W'ly 2	S'ly 1	Rain	5	2	84	0.30	18th. Light showers in the morning. Sun out at times, and very hot.
S 19	29.60	...	29.57	72	...	74	...	S. W. 2	...	S. W. 2	10	...	3	88		19th. Cloudy in the morning. Very hot sun in the afternoon.
20	29.55	29.50	29.51	70	84	73	75.7	S. W. 2	S. W. 3	S. W. 1	10	3	10	79	0.70	20th. Heavy thundershower about 4 A. M. Day sultry.
21	29.47	29.45	29.47	73	79	71	74.3	S. W. 1	S. W. 3	S. W. 1	10	10	10	85	0.10	21st. Air very damp. Shower from 6 to 7 P. M.
22	29.55	29.56	29.71	74	82	72	76.0	S. W. 1	S. W'ly 2	S. W. 1	7	5	3	75		22d. Very fine.
23	29.72	29.70	29.79	66	62	61	63.0	N. E. 3	N. E. 3	N. E. 1	Rain	Misty	Rain	96	1.00	23d. Rainy in the morning. Mist and heavy rain in the evening.
24	29.83	29.85	29.93	62	77	71	70.0	N. E'ly 2	S'ly 2	S'ly 1	Foggy	5	10	92		24th. Air very damp. Sun hot at midday.
25	29.93	29.94	29.98	68	80	71	73.0	S'ly 1	S. W. 2	S. W. 2	Rain	5	0	74	0.60	25th. Heavy rain early in the morning. Evening clear.
S 26	29.98	29.96	29.96	72	83	72	75.7	S. W. 1	S. W. 3	S. W. 1	10	5	0	83		26th. Very warm and damp. Evening fine.
27	29.95	29.86	29.85	73	86	73	77.3	S. W. 2	S. W. 3	S. W. 2	7	1	0	79		27th. Pleasant; fresh air, but very damp.
28	29.82	29.74	29.73	74	84	72	76.7	S. W. 4	S. W. 4	S. W. 3	8	2	8	79		28th. Warm, but pleasant. Air very fresh through the day.
29	29.70	29.77	28.87	70	79	66	71.7	S. W. 2	N. W. 2	N. W. 1	Rain	5	0	82	0.25	29th. Light rain at 6 A. M.; wind S. W. From 9 to 10 A. M., the wind came to N. W., and the air became cooler and drier. Evening splendid.
30	29.89	29.88	29.79	61	70	62	64.3	N'ly 1	N. E. 2	N. E. 2	9	10	Rain	65	0.30	30th. Began to rain moderately from 10 to 11 A. M., and continued.
31	29.73	29.75	29.71	62	67	66	65.0	N. E. 2	N. E. 1	N. E. 2	3	10	10	84		31st. Cloudy, cool, and damp day and evening.
Means	29.79	29.78	29.80	66.1	76.6	67.0	...	1.5	2.3	1.3	7.0	5.0	4.4	79.9	3.45	
								1.7			5.5					
REDUCED TO SEA LEVEL.																
Max.	30.25	30.22	30.23	76	88	74	77.3									
Min.	29.65	29.63	29.65	49	55	53	53.7									
Mean	29.97	29.96	29.98													
Range	0.60	0.59	0.58	27	33	21	23.6									
Mean of month			29.970	...	...	...	69.9									
Extreme range			0.62	...	...	...	35.0									

Prevailing winds from some point between—	Days.
N. & E.	6
E. & S.	6
S. & W.	15
W. & N.	4

	Days.
Clear	5
Variable, Cloudy	18
Rain fell on	8

August, 1857. New Moon, 19d. 11h. 18m. A. M.

DAYS.	BAROMETER, reduced to 32° F At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Relative Humidity.	Rain and Snow in Inches of Water.	REMARKS.
1	29.65	29.65	...	67	73	...	...	S'ly 1	S. W'ly 2	...	10	9	...	77		1st. Cool, but pleasant. Cloudy in the morning. Evening fine.
S 2	...	...	...	...	...	...	...	...	...	...	...	...	...	...		2d. Very fine. Sun very warm at mid-day.
3	...	29.76	29.83	...	77	66	...	...	N. W.	S. W'ly 1	...	7	0	73		3d. Cool and fine. Evening very calm.
4	29.82	29.80	29.71	71	80	72	74.3	W'ly	S. W. 3	S. W. 2	0	6	10	72		4th. Very fine. Evening very damp.
5	29.54	29.59	29.70	64	69	66	66.3	N'ly 4	W'ly 2	Calm	Rain	10	10	97	1.00	5th. Heavy rain before 8 A. M. Damp and cloudy during the day and evening.
6	29.79	29.86	29.93	68	75	63	68.7	W'ly 1	N. E. 2	N'ly 1	8	6	0	76		
7	30.03	30.02	30.01	68	74	65	69.0	N'ly 1	S. E. 3	S'ly 1	0	4	0	83		6th. Cold and very fine. Evening splendid.
8	29.97	29.88	29.82	65	76	71	70.7	S'ly 1	S. W. 1	S'ly 3	Hazy	8	3	83		7th. Very fine.
S 9	29.84	29.83	29.85	73	76	64	71.0	N'ly 4	N'ly 1	N. W'ly 1	0	8	0	74		8th. Sultry in the morning. Afternoon and evening fine.
10	29.80	29.67	29.50	68	74	70	70.7	S'ly 1	S'ly 2	S. E. 3	Foggy	10	Rain	75	0.75	9th. Very fine.
11	29.31	...	...	70	...	...	...	W'ly 3	...	...	5	...	...	87		10th. Very damp. Appearances of rain during the day. Commenced raining about 8 P. M., with high wind.
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...		11th and 12th. Very fine.
13	...	...	29.62	...	...	75	...	...	...	S. W. 1	...	...	0	88	0.15	13th. Rain in morning. Sultry through the day. Incessant heat lightning in the N. E. from 8 to 9 P. M.
14	29.62	29.58	29.55	78	86	73	79.0	S. W. 2	N. W. 2	N. 1	0	2	0	76	0.15	
15	29.70	29.61	29.65	76	80	67	74.3	N'ly 3	N'ly 1	N. W'ly 2	8	10	0	72		14th. Very sultry during the day. Thundershower about 8 P. M. Cleared off before 10 P. M.
S 16	29.83	29.85	29.93	66	73	64	67.7	N. W. 3	N. W. 2	W'ly 1	0	2	10	54		
17	29.93	29.79	29.62	63	69	69	67.0	N'ly 1	S. E. 2	S. W. 1	10	10	Rain	80	0.35	15th. Very fine. Sun very hot at mid-day. Evening cool.
18	29.71	29.77	29.80	60	62	56	59.3	N'ly 2	N'ly 2	N. 1	10	10	0	94		
19	29.82	...	29.88	55	...	59	...	N. W. 1	...	W. 1	0	...	0	95		16th. Very fine.
20	29.91	29.87	29.89	60	66	60	62.0	S. W. 1	S'ly 2	S'ly 1	Rain	5	0	88	0.05	17th. Cloudy and damp. Began to rain at about 6 P. M.
21	29.95	29.93	29.95	58	73	59	63.3	N. E. 1	S. E'ly 1	N. E. 2	Foggy	8	0	87		
22	29.95	29.83	29.65	59	70	60	63.0	N. E'ly 1	E'ly 1	N. E. 2	8	4	Rain	85	1.15	18th. Cool. Slight sprinkling of rain in the evening.
S 23	29.54	29.48	29.46	64	69	58	63.7	N'ly 1	S. E. 1	N. W. 1	10	Rain	0	90	0.10	
24	29.53	29.62	29.83	60	70	58	62.7	W'ly 2	W. 3	N. W. 2	0	4	0	81		19th. Very pleasant.
25	29.96	29.97	...	61	70	...	...	N. W. 1	N. W. 1	...	0	2	...	83		20th. Pleasant.
26	...	30.01	30.01	...	74	61	...	...	S'ly 2	N. W. 2	...	4	0	62		21st. Very pleasant.
27	30.00	29.94	...	63	71	...	...	S. W. 1	S. W'ly 2	...	0	6	...	81		22d. Cloudy and cool. Commenced raining about 8 P. M., and rained heavily.
28	29.70	29.61	29.51	68	67	69	68.0	S. E. 5	S. E. 4	S'ly 2	Rain	Rain	10	89	1.10	23d. Shower and sultry in the morning; wind E'ly, which changed to S. W. in the afternoon. Thunder-squall, with rain about 8 P. M. Cleared by 9 P. M.; wind N. W.
29	29.53	29.53	29.54	69	77	67	71.0	S. W. 2	S. W. 1	W'ly 1	Misty	9	5	86		
S 30	29.61	29.68	29.84	67	77	60	68.0	N. W. 2	N. W. 2	N. W. 2	4	1	0	60		24th. Cool, but very fine.
31	29.86	29.88	29.98	54	77	66	65.7	N. W. 1	N. W. 2	N. W. 1	0	0	0	77		25th and 26th. Very fine.
Means	29.77	29.77	29.76	62.5	73.3	64.7	...	1.8	1.8	1.4	5.1	6.7	3.1	80.1	4.80	28th. Pleasant.
									1.6			5.0				28th. Rainy in the morning. Evening cloudy, with mist.
REDUCED TO SEA LEVEL.																29th. Cloudy, with mist, in the morning. Clouds broken in the evening.
Max.	30.21	30.20	30.19	78	86	73	79.0									30th. Very fine. Evening without a cloud.
Min.	29.49	29.66	29.64	54	62	56	59.3									31st. Very fine.
Mean	29.95	29.95	29.94													
Range	0.72	0.54	0.55	24	24	17	19.7									
Mean of month	29.947			...	...	...	66.8									
Extreme range	0.72			...	...	...	31.0									

Prevailing winds from some point between— Days.
N. & E. 3
E. & S. 5
S. & W. 8
W. & N. 12

Days.
Clear 8
Variable . . . } 12
Cloudy . . . . }
Rain fell on . . 9
(2 days omitted.)

September, 1857. New Moon, 18d. 0h. 25m. A. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.			
1	30.12	30.12	30.15	57	74	60	63.7	N. W. 1	N. W. 2	N. W. 1	2	2	0	60		1st and 2d. Very fine.
2	30.14	30.12	30.13	58	...	62	...	N. W. 1	...	S. W. 1	0	...	0	66		3d. Very fine. Aurora with streamers in the evening.
3	30.15	30.08	30.11	59	77	65	67.0	S. W. 1	S. W. 2	S'ly 1	2	1	1	83		4th and 5th. Very fine.
4	30.10	30.07	30.07	60	77	67	68.0	S. W. 1	S. W. 1	S. W. 1	2	2	3	90		6th. Rain in the morning. From 8 to 9 A. M., wind changed from S. W. to N. W., and the thermometer fell rapidly. Clear in the afternoon and evening.
5	30.01	29.87	29.78	65	81	68	71.3	S. W. 1	S. W. 2	S. W. 1	7	5	2	82		
S 6	29.71	29.78	29.95	70	69	55	64.7	S. W. 2	N. W. 3	N. W. 1	Rain	0	0	64	0.20	
7	30.06	30.07	30.19	48	64	50	54.0	N'ly 2	N. E. 2	N. E. 1	0	0	0	50		7th. Cool, but very fine.
8	30.23	30.17	30.10	46	64	53	54.3	Nl'y 1	N'ly 1	S. W. 1	0	0	0	68		8th. Very fine. At 9¼ P. M., a bright meteor passed directly across the bright star Alpha Lyræ, moving towards the S.W. For a moment, the light of the star was lost in that of the meteor.
9	30.01	29.93	29.94	54	74	60	62.7	N. W. 1	N. W. 2	S. W. 1	0	0	2	70		
10	29.93	29.88	29.85	60	77	65	67.3	S. W. 1	S. W. 2	S. W. 1	Foggy	0	0	77		
11	29.82	29.76	29.80	66	84	73	74.3	S. W. 1	S. W. 2	S. W. 1	0	0	0	71		9th and 10th. Fine.
12	29.92	29.94	29.96	62	66	59	62.3	N. E. 2	N. E. 2	N. E. 2	10	10	10	78		11th. Fine. Sun very hot at mid-day.
S 13	29.91	29.88	29.86	60	71	68	66.3	N. E. 2	N. E. 1	S'ly 1	10	10	Misty	92		12th. Air cool and dry.
14	29.78	29.74	29.65	67	75	70	70.6	Calm	S'ly 1	Calm	Foggy	10	Foggy	100		13th. Cloudy, with appearances of rain.
15	29.59	29.60	29.76	70	74	58	67.3	S. W'ly 1	N. W. 3	N. W. 1	6	0	0	64		14th. Air warm and very damp. Nearly a dead calm all day.
16	29.85	29.85	29.89	55	67	55	59.0	N. W. 2	N'ly 2	N. W. 1	0	4	8	55		15th. Very fine. Evening cloudless, and the air very clear.
17	29.80	29.59	29.39	57	61	66	61.3	S. W. 1	S. W. 2	S. W. 2	8	10	Rain	89	0.25	16th. Pleasant.
18	29.56	29.64	29.87	64	69	48	60.3	N. W. 2	N. W. 3	N. W. 1	5	2	0	63		17th. Light rain at 11 to 12 A. M. Steady rain in the evening, and warm.
19	29.92	29.90	29.88	43	57	46	48.7	N. W. 2	N. E. 2	N. E. 2	2	10	Rain	76	} 1.20	18th. Very fine.
S 20	29.68	29.66	29.76	52	57	54	54.3	N. E. 2	N. E. 2	N. E. 1	Rain	10	10	86		19th. Cloudy in the morning. Rain in the afternoon and evening. Very cold for the season.
21	29.91	29.95	30.02	49	56	46	50.3	N. E. 1	N. E. 2	N'ly 1	10	10	0	58		
22	29.97	29.80	29.66	44	59	52	51.7	N'ly 1	S. E'ly 2	E'ly 1	8	8	10	81		20th. Rain in the morning. Cloudy in the afternoon and evening.
23	29.42	29.49	29.59	53	59	46	52.7	N. W'ly 1	W'ly 3	N. W. 1	Rain	0	0	70	0.62	
24	29.78	29.78	29.89	43	67	53	54.3	N. W. 1	W'ly 2	S. W. 1	0	0	0	74		21st. Cloudy through the day. Evening clear and very cold.
25	29.92	29.89	29.87	50	67	55	57.3	S. W. 1	S. W. 1	S. W. 1	2	10	10	67		22d. Cloudy for the most part.
26	29.84	29.82	29.90	48	77	59	61.3	N. W. 1	W'ly 2	S. W. 1	1	0	0	69		23d. Rain at sunrise. Clear from 9 to 11 A. M. Evening splendid.
S 27	29.96	29.89	29.81	55	70	60	61.7	N. W. 1	S. W'ly 2	S. W'ly 1	1	0	0	77		
28	29.70	29.56	29.66	59	77	54	63.3	S. W. 1	S. W. 3	N. W. 1	0	5	0	70		24th. Very fine.
29	29.67	29.73	29.87	48	57	41	48.7	N. W. 1	N. W. 2	N. W. 1	0	3	0	66		25th. Mild and cloudy.
30	29.91	29.86	29.92	36	57	39	44.0	N. W. 2	N. W. 2	N. W. 1	0	3	0	48		26th and 27th. Very fine.
Means	29.87	29.85	29.88	55.3	68.6	56.9	...	1.3	2.0	1.1	4.2	3.9	2.9	72.1	2.27	28th. Pleasant in the morning. Gust of wind at 2 P. M., with sprinkling of rain. Evening clear.
									1.4			3.7				29th. Very fine. Evening splendid and cool for the season.
REDUCED TO SEA LEVEL.																30th. Pleasant.
Max.	30.41	30.35	30.37	70	84	73	74.3									
Min.	29.60	29.67	29.57	36	56	39	44.0									
Mean	30.05	30.03	30.06													
Range	0.81	0.68	0.80	34	28	34	30.3									
Mean of month	30.047			...	...	...	68.3									
Extreme range	0.84			...	...	...	48.0									

Prevailing winds from some point between— Days.
N. & E. 7
E. & S. 0
S. & W. 11
W. & N. 12

Days.
Clear 15
Variable . . . } 9
Cloudy . . . . }
Rain fell on . . 6

October, 1857. New Moon, 17d. 4h. 30m. P. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Relative Humidity.	Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.			
1	29.95	29.97	29.96	37	60	55	50.7	N. W. 1	S'ly 2	S'ly 1	0	2	Sprin'le	57		1st. Pleasant in the morning. Cloudy towards night. Sprinkling of rain in the evening.
2	29.94	29.92	29.99	56	68	56	60.0	S. W. 1	S'ly 2	N. E'ly 1	9	5	8	58		2d. Pleasant.
3	30.08	...	30.12	52	...	44	...	N. E. 3	N. E. 2	N'ly 1	10	10	0	58		3d. Cloudy; air raw and cold. Evening very clear.
S 4	30.08	30.04	30.00	43	57	45	48.3	N'ly 2	N'ly 2	N'ly 1	1	0	0	67		4th. Very fine. Evening splendid.
5	29.97	29.92	29.92	41	59	48	49.3	N'ly 1	N. E'ly 2	N. E'ly 1	0	0	0	64		5th. Very fine.
6	29.82	29.68	29.69	41	65	55	53.7	N. E'ly 1	N. E'ly 1	N'ly 1	0	3	5	67		6th. Pleasant.
7	29.71	29.72	29.79	50	62	48	53.3	N'ly 2	N. W. 2	N. W. 1	0	0	0	64		7th, 8th, and 9th. Very fine.
8	29.74	29.74	29.64	43	68	56	55.7	N. W. 1	N. W. 3	N. W. 1	0	0	0	48		10th. Pleasant. Cool in the afternoon and evening.
9	29.66	29.70	29.89	53	70	49	57.3	N. W. 1	N. W. 2	N. W. 1	1	0	0	50		11th, 12th, and 13th. Pleasant.
10	29.99	30.04	30.11	41	57	43	47.0	N. W. 2	N. E. 2	N. E. 2	0	5	0	70		14th. Thick fog in the morning. Began to rain gently from 10 to 11 P. M.; wind N. E.
S 11	30.10	30.06	30.06	39	60	48	49.0	N. E'ly 1	S'ly 2	S'ly 1	0	6	0	94		15th. Mist through the day. Showers in the evening.
12	30.01	29.99	30.02	44	67	54	48.3	N. W. 1	S. W'ly 1	S'ly 1	3	1	0	80		16th. Cloudy and mild. Heavy wind during the night.
13	29.98	29.94	29.92	48	72	59	59.7	S'ly 1	S. W'ly 2	Calm	8	7	0	86		17th. Very windy during the day. Evening calm and cool.
14	29.89	29.82	29.76	57	71	59	62.3	Calm	S'ly 1	N. E. 2	Foggy	10	10	93		18th. Very fine.
15	29.57	29.41	29.23	57	61	60	59.3	N. E. 2	N. E. 2	N. E. 1	Misty	Misty	Rain	98	0.65	19th. Cloudy, with appearances of rain.
16	29.19	29.23	29.16	61	67	59	62.3	S. W. 1	S. W. 2	S. W. 3	8	9	3	89		20th. Very gusty and raw.
17	29.35	...	29.97	46	...	43	...	W. 4	...	N. W. 1	2	...	0	66		21st. Frost this morning, being the first of the season on College Hill. Ice formed in shallow vessels of the thickness of window glass.
S 18	30.05	30.05	30.16	43	61	43	49.0	W. 1	N. W. 2	N. W. 1	3	0	0	68		22d. Severe black frost this morning. Ice formed three-eighths of an inch thick in open vessels.
19	30.05	29.85	29.57	43	61	60	54.7	S. W'ly 1	S. W. 2	S. W. 2	4	10	Rain	79	0.25	23d. Cloudy, and quite cool.
20	29.52	29.56	29.68	48	47	36	47.0	W. 2	W by N 4	N. W. 2	8	4	0	40		24th. Air mild, with sprinkling of rain in the morning. Rain in the evening.
21	29.82	29.86	30.00	34	43	32	36.3	N. W. 2	N. W. 3	N. W. 1	5	10	0	55		25th. Began to rain at noon, and rained steadily all the afternoon and evening.
22	30.09	30.08	30.19	29	48	34	37.0	N. W. 1	N. W. 2	N. W. 1	0	0	0	50		26th. Heavy showers through the day and evening.
23	30.20	30.19	30.15	32	52	46	42.7	N. W. 1	S. W'ly 2	W'ly 1	3	10	10	64		27th. Cold rain and mist.
24	30.09	30.02	29.93	47	56	50	51.0	N. W. 1	W'ly 2	S. E'ly 1	10	5	Rain	77	2.00	28th. Cloudy, with occasional mist.
S 25	29.69	29.54	29.29	53	55	56	54.3	E. N. E. 3	N. E'ly 3	N. E. 5	10	Rain	Rain	88		29th. Mostly cloudy, with occasional mist and sprinkling.
26	28.98	28.88	29.05	58	55	54	55.7	N. E. 1	N. E'ly 2	N. E. 1	Misty	Rain	Rain	94		30th. Cloudy for the most part.
27	29.13	29.24	29.47	50	50	41	47.0	N. E. 2	N. E. 4	N'ly 3	10	Misty	Misty	93		31st. Cloudy. Sprinkling of rain in the evening.
28	29.56	29.57	29.62	36	41	42	39.7	N'ly 3	N'ly 2	N'ly 1	10	10	10	72		
29	29.56	29.49	29.50	42	48	42	44.0	Calm	N. W'ly 1	N. W'ly 1	Rain	6	7	78		
30	29.56	29.60	29.72	40	49	40	43.0	W by N. 2	W. by N. 3	N'ly 1	9	9	5	42		
31	29.78	29.73	29.69	38	49	43	43.3	N. W'ly 1	E'ly 1	E'ly 2	8	10	Rain	56		
Means	29.78	29.75	29.78	45.2	57.9	48.4	...	1.4	2.1	1.4	5.2	5.7	4.4	69.8	2.90	
								1.6			5.1					
REDUCED TO SEA LEVEL.																
Max.	30.38	30.37	30.37	61	72	59	62.3									
Min.	29.16	29.06	29.23	29	41	32	36.3									
Mean	29.96	29.93	29.96													
Range	1.22	1.31	1.14	32	31	27	26.0									
Mean of month		29.950		...	...	...	50.5									
Extreme range		1.32		...	...	...	43.0									

Prevailing winds from some point between—	Days.
N. & E.	9
E. & S.	2
S. & W.	8
W. & N.	12

	Days.	
Clear	9	
Variable	13	
Cloudy		
Rain fell on	9	

November, 1857. New Moon, 16d. 10h. 46m. A. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.			
S 1	29.67	29.62	29.66	43	54	43	46.7	N. W. 1	N. W. 1	N. W. 1	5	7	9	59		1st. Pleasant.
2	29.60	29.44	29.50	45	56	41	47.3	S. W. 2	S. W. 3	N. W. 1	10	2	0	57	0.10	2d. Light shower, with thunder, at 6 P. M.
3	29.51	29.57	29.76	38	49	39	42.3	N. W. 2	N. W. 3	N. W. 1	0	8	0	58		3d. Pleasant. Evening splendid.
4	29.90	29.89	30.02	35	48	35	39.3	N. W. 1	N. W. 2	N. W. 1	0	0	0	60		4th. Very fine.
5	30.02	29.95	29.73	35	56	56	47.0	N. W. 1	S. W. 2	S. W. 2	5	1	Rain	91	0.40	5th. Pleasant through the day. Sprinkling of rain in the evening.
6	29.50	29.51	29.59	59	66	60	61.7	S. W. 2	S. W. 3	S. W.	Misty	8	10	77		6th. Cloudy for the most part with occasional mist.
7	29.63	29.70	29.81	54	64	52	56.7	N. W. 1	N. W. 1	S. W'ly	0	1	1	53		7th. Pleasant. Warm for the season.
S 8	29.87	29.88	29.94	50	53	50	51.0	N. E. 1	N. E. 1	N. E'ly 1	Misty	Misty	Misty	100		8th. Mist, with occasional sprinkling during the day.
9	29.87	29.80	29.81	50	70	62	60.7	N. E. 1	S. W. 3	S'ly 1	Misty	9	3	90		9th. Very warm and damp for the season.
10	29.76	...	30.01	64	...	41	...	S. W. 3	...	N. W. 1	Shower	...	0	76	0.65	10th. Showery in the morning. Evening clear.
11	30.18	30.15	30.18	33	53	38	41.3	N. W. 1	N. W. 1	N. W. 1	0	0	0	73		11th. Very fine.
12	30.12	29.96	29.81	32	50	47	43.0	W'ly 1	S. W. 2	S. W. 1	1	10	2	49		12th. Pleasant.
13	29.69	29.56	29.61	48	54	43	48.3	S. W. 1	S. W. 1	S. W. 1	10	9	1	86		13th. Pleasant for the most part. Sprinkling of rain from 11 A. M. to noon. Evening clear. No meteors observed.
14	29.71	29.77	30.04	35	38	25	32.7	N. W. 1	N. W. 2	N. W. 1	1	5	0	58		14th. Pleasant in the morning. Weather grew cold towards night.
S 15	30.14	30.06	30.09	22	40	25	29.0	N. W. 1	S. E'ly 1	S. E. 2	0	10	Rain	74	0.60	15th. Cold, but fine. Evening splendid.
16	30.10	29.93	29.65	25	43	46	38.0	N. W. 1	N. W. 2	N. W. 1	10	8	10	72		16th. Pleasant in the morning. Began to rain from 5 to 6 P. M., with wind S. E'ly. Rain continued in the evening.
17	29.40	29.26	29.32	45	50	42	45.7	N. W. 1	N. W. 2	W'ly	0	5	10	72		17th. Cloudy for the most part.
18	29.29	29.25	29.31	35	49	44	42.7	N. W. 1	N. W. 2	W'ly	9	2	10	76		18th. Pleasant.
19	29.25	29.16	29.06	45	55	54	51.3	S'ly 1	S'ly 2	S'ly 3	5	0	0	46		19th. Cloudy in the evening, with appearances of rain.
20	29.17	29.26	29.45	36	36	22	31.3	W. by S. 4	W'ly 3	S. W'ly 3	5	0	0	61		20th. Wind blustering and very cold in the afternoon and evening.
21	29.54	29.60	29.67	20	34	31	28.3	S. W'ly 3	S. W. 2	S. W. 1	0	0	0	63		21st. Wind chilly and cold all day.
S 22	29.67	29.65	29.83	33	46	35	38.0	S. W. 2	S. W. 3	S'ly 1	0	8	2	63		22d. Pleasant.
23	29.76	29.55	29.20	37	54	49	46.7	S. W. 2	S. 3	S'ly 2	5	5	Rain	80	0.65	23d. Mild. Copious rain in the evening, with thunder.
24	29.52	29.64	29.73	29	33	31	31.0	N. W. 3	N. W'ly 2	S. W'ly 2	5	2	10	40		24th. Pleasant.
25	29.86	30.14	30.34	23	19	16	19.7	N. W. 3	N. W'ly 4	N. W'ly 1	0	0	0	36		25th. Cold day; very blustering. Evening clear.
26	30.43	...	...	17	...	25	...	W'ly 2	...	...	0	...	...	...		26th. Fine, but cold.
27	30.27	30.15	...	25	42	...	...	S. W'ly 1	W'ly 1	...	0	0	...	35		27th. Mild and pleasant.
28	30.21	30.11	30.14	32	53	43	42.7	N. W'ly 1	N. W'ly 1	S'ly 1	0	7	5	43		28th. Pleasant and very mild.
S 29	30.27	30.22	30.32	44	51	41	45.3	N. W'ly 1	S. W'ly 1	E'ly 1	0	8	8	61		29th. Pleasant.
30	...	30.28	30.17	...	47	42	...	...	E'ly 1	N. E'ly 3	...	10	Misty	72		30th. Cloudy through the day, with mist in the evening.
Means	29.79	29.75	29.78	37.6	48.7	40.6	...	1.6	2.0	1.2	3.8	4.6	4.6	64.6	2.40	
								1.6			4.3					
REDUCED TO SEA LEVEL.																
Max.	30.61	30.46	30.52	64	70	62	61.7									
Min.	29.35	29.34	29.24	17	19	16	19.7									
Mean	29.97	29.93	29.96													
Range	1.26	1.12	1.28	47	51	46	42.0									
Mean of month		29.953		...	...	...	42.3									
Extreme range		1.37		...	...	...	54.0									

Prevailing winds from some point between—	Days.
N. & E.	2
E. & S.	1
S. & W.	12
W. & N.	15

	Days.	
Clear	8	
Variable	15	
Cloudy		
Rain fell on	7	

December, 1857. New Moon, 16d. 5h. 53m. A. M.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 1 P. M.	At 10 P. M.	Relative Humidity.	Rain and Snow in Inches of Water	REMARKS.
1	29.88	29.77	29.88	49	54	38	47.0	S'ly 3	W'ly 1	N. W. 1	Rain	10	0	90	1.35	1st. Rain in the morning. Cleared from 5 to 6 P. M. Evening clear.
2	29.90	29.85	29.78	32	44	37	37.7	N. W. 1	W'ly 1	N. W. 1	0	0	3	53		2d. Very fine.
3	29.69	29.63	29.76	36	43	33	37.3	N. W. 1	W'ly 3	W'ly 2	0	10	3	59		3d. Air cool, and wind blustering.
4	29.83	29.78	29.97	31	36	27	31.3	N. W. 1	N.W'ly 3	N. W. 1	5	0	0	48		4th. Pleasant.
5	29.93	29.89	30.01	27	28	28	27.7	S. E'ly 1	E'ly 1	E'ly 1	10	Snow	10	83		5th. Began to snow from 9 to 10 A. M.; quantity small; ground covered half an inch deep. The first snow of the season.
S 6	30.07	29.96	29.71	29	36	38	34.3	E'ly 1	E'ly 2	E'ly 3	10	10	Rain	76	0.75	
7	29.53	29.79	29.97	38	52	38	42.2	N. W. 2	N. W. 2	N. W. 1	5	0	0	57		6th. Snow disappeared during the morning. Began to rain from 3 to 4 P. M.; rain continued through the evening.
8	29.89	29.75	29.91	35	54	46	45.0	S. W. 1	S. W. 2	S. W. 1	2	10	0	76		
9	29.98	29.79	29.50	42	42	42	42.0	N. E'ly 1	N. E'ly 2	N. E'ly 1	Rain	Rain	10	95	1.00	7th. Very fine.
10	29.39	29.46	29.63	46	45	35	42.0	N.W'ly 1	N. W. 2	N. W. 1	Misty	1	0	67		8th. Pleasant. Very mild for the season.
11	29.72	29.85	30.16	35	33	20	29.3	N.W'ly 4	N. W. 2	N. W. 1	0	10	0	42		9th. Moderate rain through the day.
12	30.28	30.27	30.34	18	34	24	24.0	N. W. 1	N. W. 2	N. W. 1	0	0	0	69		10th. Mist and light rain in the morning. Evening very clear.
S 13	30.26	30.13	30.06	25	41	34	33.3	S. W. 1	S. W. 2	S. W. 1	0	1	0	55		11th. Cloudy at mid-day. Evening very clear and cold.
14	29.95	29.85	29.92	35	49	38	40.7	W'ly 1	W'ly 2	W'ly 1	0	0	0	50		12th. Cold, but very fine.
15	30.05	30.16	30.23	36	38	30	31.3	N'ly 1	N. E. 2	N. E. 1	2	10	0	98		13th. Very fine.
16	30.24	30.09	30.11	31	42	39	37.3	S'ly 1	S. W. 1	S. W. 1	9	10	10	72		14th. Very fine. Evening very clear.
17	30.09	30.00	29.92	36	42	42	40.0	E'ly 1	S'ly 1	S'ly 1	10	10	10	92		15th. Mild in the morning. Cloudy and air raw in the afternoon. Evening clear.
18	29.58	29.33	29.47	45	53	47	48.3	E'ly 1	S. W. 2	W'ly 2	Rain	Misty	0	84	0.40	16th. Mild. Some flakes of snow in the morning.
19	29.74	29.84	30.01	40	43	30	37.7	W by N 2	N. W. 2	N. W. 2	0	0	0	53		17th. Mild for the season.
S 20	30.09	30.10	30.24	23	33	25	27.0	N. W. 1	N. W. 2	N. W. 2	0	0	0	50		18th. Moderate rain in morning. Clear at 10 P. M.
21	30.25	30.19	29.96	21	34	33	29.3	N. W. 1	S. W'ly 1	E'ly 1	0	3	10	65		19th. Very fine; nearly cloudless.
22	29.45	29.16	29.15	43	51	37	43.7	S. E'ly 1	S. W'ly 2	N. W. 2	Rain	8	0	73	0.35	20th. Very fine. Remarkably clear in the evening.
23	29.21	29.22	29.30	33	37	37	35.7	N. W. 1	W by S. 2	S. W. 2	0	8	0	15		21st. Clear in the morning. Cloudy in the evening, with appearances of storm.
24	29.37	29.55	29.79	32	41	30	34.3	W'ly 3	N. W. 3	N. W. 2	2	0	0	32		22d. Moderate rain in morning. Sprinkling at 7 P. M. Clear at 10 P. M.. with the wind N. W.
25	29.87	29.73	29.59	16	22	19	19.0	N. E. 1	N. E. 2	N. E. 2	2	10	7	48		
26	29.61	29.57	29.65	21	21	18	20.0	N. N. E. 2	N. E. 2	N. E. 3	10	Snow	Snow	68	0.25	23d. Pleasant.
S 27	29.99	30.03	30.12	12	21	9	14.0	N. W. 1	N. W. 1	N. W. 1	0	0	2	64		24th. Very blustering.
28	29.90	29.73	29.84	26	41	34	33.7	S. W. 2	S. W. 3	S. W. 1	10	10	5	73		25th. Cloudy for the most part and air cold.
29	29.84	29.79	29.84	31	35	31	32.3	N'ly 1	N. E. 1	N. E. 1	10	Snow	Snow	83		26th. Began to snow moderately at 7½ A. M.; snowed all day.
30	29.83	29.75	29.58	28	33	35	32.0	N. E. 1	N. E. 1	N. E. 2	10	Misty	Rain	92	1.10	
31	29.01	28.91	29.44	38	43	35	38.7	N. E. 2	W'ly 4	W. by S. 4	Rain	5	0	78		27th. Five or six inches of light snow on the ground this morning. Evening cold.
Means	29.82	29.77	29.83	31.9	39.4	32.5	...	1.4	1.9	1.5	5.1	6.0	3.5	66.4	5.20	28th. Mild. Ther. rose 30° from 10 last night till 10 A. M. Cloudy; wind brisk S.W.
									1.6			4.9				29th. Began to snow gently from noon to 1 P. M., and continued.
REDUCED TO SEA LEVEL.																30th. Ground lightly covered with fresh snow this morning. Light rain in evening.
Max.	30.46	30.45	30.52	49	54	47	48.3	Prevailing winds from some point between—		Days.			Days.			31st. Light rain and mist this morning; wind E'ly. Clouds broken in afternoon; wind S. W. Evening blustering and very clear.
Min.	29.19	29.09	29.33	12	21	9	14.0	N. & E.		7	Clear		10			
Mean	30.00	29.95	30.01					E. & S.		2	Variable		9			
Range	1.27	1.36	1.19	37	33	38	34.3	S. & W.		11	Cloudy					
Mean of month		29.987		...	...	...	34.6	W. & N.		11	Rain or snow fell on		12			
Extreme range		1.43		...	...	...	45.0									

January, 1858. New Moon, 15d. 0h. 24m. A. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.			
1	29.74	29.60	29.90	32	49	38	39.7	N. W. 1	S. W. 4	W'ly 2	0	1	0	55		1st. Very fine.
2	30.06	29.92	29.88	38	39	37	38.0	S. W. 1	S. W. 1	S. W. 1	2	10	10	65		2d. Mild and pleasant.
S 3	29.74	29.62	29.51	32	37	39	36.0	N. W. 1	N. W. 1	S. W. 2	0	0	2	35		3d. Fine for the season.
4	29.57	29.37	29.40	35	49	43	42.3	S. W. 1	S. W. 3	S. W. 3	5	0	0	43		4th. Very fine.
5	29.56	29.59	29.71	38	49	35	30.7	S. W. 1	N. W. 1	N. E. 2	5	3	10	40		5th. Very mild for the season. Frost out of the ground in most places.
6	29.62	29.64	29.81	24	19	18	20.3	N. E. 3	N. E. 3	N. E. 1	Snow	Snow	10	84	0.25	6th. Snow in the morning, with heavy wind at N. E. Air snowy in the afternoon and evening.
7	29.80	29.88	30.26	20	33	16	23.0	W. by S. 1	N. W. 4	N. W. 2	2	1	0	65		
8	30.45	30.51	30.49	8	18	6	10.7	N. W. 1	N. W. 2	N. W. 1	0	0	1	64		7th. From four to five inches of snow on the ground, considerably drifted. Blustering through the day. Evening clear.
9	30.33	30.04	29.90	13	36	37	28.7	S. W. 1	S. W. 2	S. W. 2	10	Snow	10	84		
S 10	30.11	30.18	30.28	31	35	27	31.0	N. W. 1	N. W. 1	E'ly 1	0	0	0	52		8th. Cold, but fine. Bright aurora in the evening, with streamers during the early part of it; afterwards, strong diffused light, varying in hue from greenish to pink.
11	30.11	29.59	29.41	35	46	55	45.3	S. E. 2	S. E. 3	S. W. 3	10	Rain	Rain	95	1.65	
12	29.61	29.82	30.12	42	46	30	39.3	N. W. 1	N. W. 2	N. W. 1	0	0	0	51		9th. Began to snow from 11 A. M. to noon. Sprinkling of rain in the afternoon.
13	30.14	30.04	30.02	25	37	36	32.7	N. E'ly 1	S. E'ly 1	S. W. 1	5	10	10	72		
14	30.07	30.09	30.17	33	40	30	34.3	S. W. 1	S. W. 1	W'ly 1	10	9	0	73		10th. Very fine.
15	30.24	30.17	29.94	27	42	39	36.0	N. E. 1	E'ly 2	S'ly 3	1	10	Rain	56	1.33	11th. Steady rain in the afternoon and evening.
16	29.68	29.23	29.33	45	56	43	48.0	S'ly 2	S. W. 3	W'ly 1	Rain	Rain	8	82		
S 17	29.62	29.65	29.77	35	38	27	33.3	N. W. 2	N. W. 2	N. W. 1	1	0	0	58		12th. Very fine. Frost nearly all out of the ground.
18	29.74	29.75	29.86	24	26	24	24.7	N'ly 2	N'ly 1	N. W. 1	10	Snow	0	71		13th. Very mild.
19	29.87	29.83	29.89	25	36	30	30.3	N. W. 2	N. W. 1	N. W. 1	5	9	2	52		14th. Mild and pleasant. Evening very clear.
20	29.94	29.93	30.10	20	34	25	26.3	N. W. 1	N. W. 2	N. W. 1	0	1	1	50		15th. Began to rain moderately at 10 P. M. Wind fresh E'ly.
21	30.10	29.99	29.97	25	42	36	34.3	S'ly 2	S by W. 2	S. W. 2	0	0	0	63		
22	30.15	30.39	30.50	30	25	15	23.3	N'ly 2	N. W. 1	N. W. 1	2	0	0	22		16th. Steady rain in the morning; wind from S'ly to S. W. Stars out in the evening. Thermometer 56°, being warmer than at any time since Nov. 10, 1857.
23	30.56	30.54	30.51	12	31	25	22.0	N'ly 2	N. W. 1	N. W. 1	0	0	0	54		
S 24	30.45	30.34	30.34	33	43	40	38.7	S. W'ly 1	S. W. 2	S. W'ly 2	10	7	9	60		17th. Very fine. Violets in bloom in the garden.
25	30.25	30.19	30.04	43	53	42	46.0	S. W. 1	S. W. 1	S. W. 1	10	10	0	94		
26	29.99	29.77	29.60	43	57	47	49.0	S'ly 1	S. W. 4	S. W. 1	7	10	0	78	0.10	18th. Light dusting of snow from 10 A. M. to 2 P. M.
27	29.59	29.54	29.56	40	50	41	43.7	N. W. 1	N. W. 2	N. W. 2	0	8	10	62		
28	29.56	29.55	29.48	36	35	31	34.0	N. E. 1	N. E. 2	N'ly 2	Misty	Misty	10	85		19th. Pleasant.
29	29.50	29.26	29.37	23	26	27	25.3	N'ly 2	N'ly 2	N'ly 1	10	10	10	71		20th and 21st. Very fine.
30	29.42	29.42	29.46	27	35	26	29.3	N. W'ly 2	N. W. 2	N. W. 1	0	0	1	65		22d. Very fine. Evening splendid.
S 31	29.78	29.81	30.00	17	24	17	19.3	N. W. 1	N. W. 2	N. W. 2	1	2	0	37		23d. Very fine.
Means	29.91	29.85	29.90	29.4	38.3	31.7	...	1.4	2.0	1.5	4.4	5.2	4.0	62.5	3.33	24th. Very mild for the season.
									1.6			4.5				25th. Mild and pleasant.
REDUCED TO SEA LEVEL.																26th. Mild. Occasional brisk showers in the afternoon.
Max.	30.74	30.72	30.69	45	57	55	49.0	Prevailing winds from some point between—		Days.			Days.			27th. Mild and pleasant.
Min.	29.60	29.41	29.51	8	18	6	10.7	N. & E.		4	Clear		14			28th. Mist and sleet in the morning. Air chilly, with some snow, in the afternoon.
Mean	30.09	30.03	30.08					E. & S.		2	Variable		10			29th. Cloudy and chilly all day.
Range	1.14	1.31	1.18	37	39	49	38.3	S. & W.		10	Cloudy					30th. Blustering. Evening splendid.
Mean of month		30.067		...	...	...	33.1	W. & N.		15	Rain or snow fell on		7			31st. Cold, but pleasant.
Extreme range		1.33		...	...	...	51.0									

February, 1858. New Moon, 13d. 5h. 4m. P. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Relative Humidity.	Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.			
1	30.17	30.16	29.94	12	27	30	23.0	N. W. 1	E'ly 1	E'ly 3	0	1	Snow	60	1.20	1st. Pleasant morning. Cloudy towards night; wind E'ly. Began to snow and hail, with rain, from 9 to 10 P. M.
2	29.30	29.38	29.39	44	45	37	42.0	S. E'ly 1	S. W'ly 3	W'ly 2	Rain	Misty	5	100		2d. Rain in morning. Cloudy in afternoon. Mostly clear at 10 P. M., and very mild.
3	29.63	29.69	29.84	36	42	33	37.0	N. W. 2	N. W. 3	N. W. 1	3	2	0	51		3d. Very fine. Evening very clear. Frost nearly out of the ground.
4	29.88	29.81	29.78	32	39	29	33.3	W'ly 1	W.byN. 2	W'ly 1	9	6	10	48		4th. Pleasant. Appearances of storm in the evening.
5	29.75	29.66	29.71	26	29	23	26.0	N. W. 2	N'ly 2	N'ly 2	9	3	0	43		5th. Fine.
6	29.88	29.89	29.95	22	32	22	25.3	N. W. 1	N. W. 2	N. W. 1	3	0	0	51		6th. Very fine. Evening very clear.
S 7	29.86	29.70	29.77	29	39	36	34.7	S. W'ly 1	S. W. 2	S. W. 1	Snow	10	10	76		7th. Light snow this morning, covering the ground for a short time.
8	29.83	29.87	30.00	30	33	23	28.7	N. W. 1	N. W. 3	N. W. 1	5	3	0	49		8th. Rather blustering. Air full of dust.
9	30.03	29.82	29.34	19	28	43	30.0	N. W. 2	S. W'ly 2	S. E. 3	3	10	Rain	68	0.25	9th. Light snow from 3 to 4 P. M. Moderate rain in the evening.
10	29.13	29.17	29.46	42	43	21	35.0	W.byS. 1	W byN. 2	N. W. 3	7	3	0	46		10th. Very mild morning; wind W. by N. Grew cold towards sunset; wind N. W., and very brisk.
11	29.76	29.79	30.04	10	13	9	10.7	N. W. 2	N. W. 4	N. W. 2	0	2	0	63		11th. Very cold, and high wind. Extremely severe to be out.
12	30.08	29.99	30.03	7	24	17	16.0	N. W. 1	N. W. 2	N. W. 1	3	2	0	55		12th. Cold very much abated.
13	30.05	30.04	30.06	8	20	16	14.7	W'ly 1	N'ly 2	N. E'ly 2	3	10	10	77		13th. Cloudy in afternoon. Wind N. E'ly in evening, with appearances of storm.
S 14	29.82	29.74	29.74	18	22	18	19.3	N.by E. 2	N. E. 2	N.byE. 2	10	Snow	10	75	0.10	14th. Light snow, about an inch deep.
15	29.74	29.74	29.85	18	21	15	18.7	N. W. 2	N. W. 3	N. W. 1	1	5	0	55		15th. Fine. Two inches of snow on the ground this morning.
16	29.80	29.59	29.65	10	29	11	16.7	N. W. 2	W byN. 2	N. W. 4	0	3	0	50		16th. Light flurry of snow at 2 P. M. Afternoon and evening extremely blustering and severe.
17	29.69	29.67	29.81	7	20	13	13.3	N. W. 2	N. W. 3	N. W. 2	0	0	0	39		17th and 18th. Cold, but fine.
18	29.83	29.87	29.96	10	20	10	13.3	N. W. 1	N. W. 3	N. W. 1	5	0	1	58		19th. More mild. Cloudy in afternoon. Light snow in the evening.
19	30.04	29.97	29.95	5	23	18	15.3	N. W. 2	N'ly 1	N. E. 1	2	10	Snow	62	1.25	20th. Driving snow all day. Wind heavy from N. E. in the afternoon.
20	29.65	29.38	29.36	25	31	22	26.0	N. E. 3	N. E. 3	N. E. 3	Snow	Snow	Snow	78		21st. From seven to nine inches of damp snow on the ground this morning, somewhat drifted.
S 21	29.55	29.55	29.59	17	34	28	26.3	N. W. 1	N. W. 1	S. W. 1	0	0	10	48		22d. Pleasant.
22	29.75	29.79	29.86	21	26	18	21.7	N. W. 1	N. W. 2	N. E. 1	1	7	10	57		23d. Cold, but pleasant.
23	29.91	30.03	30.32	8	18	8	11.3	N. W. 1	N. W. 2	N. W. 1	0	0	0	59		24th. Ther. 3° this morning—the coldest of the season; more moderate during day.
24	30.17	30.08	29.90	3	28	21	17.3	N. W. 1	N. W. 1	S. W'ly 1	0	0	2	1		25th and 26th. Fine. Evening splendid.
25	29.71	29.52	29.66	28	40	28	32.0	S. W. 1	W'ly 1	N. W. 1	3	0	0	48		27th. Mild and pleasant.
26	29.70	29.70	29.80	25	37	24	28.7	N. W. 1	N. W. 1	N. W. 1	0	7	0	57		28th. Very mild.
27	29.76	29.72	29.74	17	40	35	30.7	S. W. 1	S. W. 2	S. W. 1	0	5	3	65		
S 28	29.71	29.59	29.51	35	47	39	40.3	S. W. 1	S. W. 2	S. W. 1	1	5	1	73		
Means	29.79	29.75	29.78	20.1	30.3	23.1	...	1.4	2.1	1.6	3.5	4.2	4.3	57	2.80	
									1.7			4.0				
REDUCED TO SEA LEVEL.																
Max.	30.35	30.34	30.50	44	47	43	42.0									
Min.	29.31	29.35	29.52	3	13	8	10.7									
Mean	29.97	29.93	29.96													
Range	1.04	0.99	0.98	41	34	35	31.3									
Mean of month			29.953	...	...	...	24.5									
Extreme range			1.19	...	...	...	44.0									

Prevailing winds from some point between—	Days.
N. & E.	5
E. & S.	0
S. & W.	6
W. & N.	17

	Days.
Clear	11
Variable / Cloudy	9
Rain or snow fell on	8

March, 1858. New Moon, 15d. 7h. 4m. A. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.			
1	29.34	29.41	29.35	40	40	32	37.3	S. W. 1	N. W. 1	N. E'ly 1	10	Sprin'le	Snow	92	0.70	1st. Light rain in the morning. Snow in the evening.
2	29.14	29.19	29.52	29	33	21	27.7	N. E'ly 2	N. W. 2	N. W. 3	Snow	8	10	68		2d. From 5 to 6 inches of damp snow on the ground this morning.
3	29.75	29.78	29.89	10	21	7	12.7	N. W. 1	N. W. 1	N. W. 1	0	0	0	25		3d. Very fine.
4	29.95	29.84	29.85	2	22	10	11.3	N. W. 1	N. W. 1	N. W. 2	0	0	0	54		4th. Cold, but fine.
5	29.77	29.60	29.62	4	17	9	10.0	N. W. 2	N. W. 2	N. W. 2	0	7	10	53		5th. Very cold; wind cutting. Flurry of snow at 7 P. M.
6	29.63	29.53	29.44	3	20	13	12.0	N. W. 2	N. W. 2	N. W. 2	0	0	0	54		6th. Still cold.
S 7	29.38	29.37	29.48	12	25	20	19.0	N. W. 1	N. W. 3	N. W. 2	0	1	0	53		7th. Raw and cold.
8	29.50	29.41	29.05	13	30	21	21.3	N. W. 2	S'ly 2	N. E. 3	0	10	Snow	41	0.85	8th. Began to snow from 5 to 6 P. M.
9	28.94	28.98	29.21	18	26	20	21.3	N. W. 1	N. W. 3	N. W. 2	9	0	10	67		9th. Seven or eight inches of fresh snow on the ground this morning.
10	29.33	29.40	29.60	18	34	26	26.0	W'ly 2	W byN. 3	W'ly 1	8	3	0	34		10th. Pleasant. Evening fine.
11	29.54	29.33	29.50	27	47	36	36.7	S'ly 1	S'ly 1	W'ly 4	9	0	0	58		11th. Mild and pleasant through the day. Very blustering in the evening.
12	29.82	29.92	29.96	24	36	31	30.3	N. W. 3	N. W. 2	N. W. 1	0	0	0	35		12th. Very fine. Evening splendid.
13	30.13	30.23	30.29	28	33	25	28.7	N. W. 2	N. W. 2	N. W. 1	0	0	0	55		13th. Very fine. Evening clear. Aurora this evening, somewhat bright, but diffused.
S 14	30.19	29.92	29.93	25	40	37	34.0	S'ly 1	S. W. 3	S. W'ly 1	8	Sprin'le	10	75		14th. Cloudy. Air raw, with occasional sprinkling of rain.
15	30.03	30.03	30.04	37	49	37	41.0	N. W. 1	S. W. 1	S. W. 1	0	10	10	68		15th. Very mild for the season. State of the weather favorable for observing the solar eclipse, which began before sunrise and ended at 7 h. 41 m. 29 s. A. M., Providence mean solar time.
16	30.02	30.04	29.93	36	40	37	37.7	S'ly 1	S. E'ly 1	S'ly	Misty	10	Foggy	88		16th. Mist and fog.
17	29.70	29.53	29.50	38	53	45	45.7	S'ly 1	S'ly 2	S'ly 1	Foggy	9	5	82		17th Very mild.
18	29.30	29.36	29.69	49	60	44	51.0	S. W. 3	W.byS. 1	N. W. 2	0	8	0	65		18th. Very fine. Thermometer 60°; the warmest day since Nov. 10, 1857.
19	29.87	30.00	30.12	40	45	35	40.0	N. W. 2	N byW. 3	N. W. 1	3	6	0	56		19th. Very fine. Evening splendid.
20	30.13	30.04	29.95	29	43	34	35.3	N. W. 2	S. E. 2	S'ly 1	0	0	0	67		20th. Very fine. Evening still and very clear.
S 21	29.01	29.21	29.23	39	48	44	43.7	S'ly 2	S'ly 1	N. W. 3	Rain	Rain	5	76	0.50	21st. Moderate rain in the morning; wind S'ly. Clouds broken in the evening, with the wind N. W.
22	29.35	29.46	29.78	38	45	33	38.7	N. W. 3	N. W. 4	N. W. 1	0	6	3	36		22d Clear, and very blustering.
23	29.86	29.78	29.81	28	40	31	33.0	N. W. 2	N. W. 2	N. W. 1	2	5	0	31		23d and 24th. Very fine.
24	29.83	29.75	29.78	26	45	32	34.3	N. W. 1	N. W. 3	N. W. 1	0	2	0	28		25th. Pleasant in the morning. Sprinkling of rain from 7 to 8 P. M.
25	29.69	29.49	29.43	29	53	43	41.7	N. W. 1	W byN. 2	W'ly 2	0	0	5	33		26th. Very fine. Frost nearly all out of the ground.
26	29.50	29.48	29.57	33	45	34	37.3	N. W. 2	N. W. 2	N. W. 2	0	0	0	31		27th and 28th. Very fine.
27	29.53	29.52	29.54	11	48	36	38.3	N. W. 2	N. W. 2	N. W. 1	0	0	3	28		29th. Fine through the day. Cloudy at 10 P. M.; wind northeast.
S 28	29.53	29.50	29.58	35	49	37	40.3	S. W'ly 1	S. W. 1	S. W. 1	10	3	0	68		30th. Fine.
29	29.62	29.60	29.72	37	56	44	45.7	N. W. 1	N. W. 2	N. E. 1	0	2	9	40		31st. Very fine.
30	29.83	29.88	29.92	39	52	38	43.0	N. E. 1	N'ly 1	N. W. 2	8	2	2	52		
31	29.91	29.92	29.99	34	54	38	42.0	N'ly 1	N. E. 2	S. E'ly 2	0	2	0	52		
Means	29.65	29.63	29.69	27.5	40.3	30.6	...	1.6	2.0	1.6	3.4	4.0	3.6	53.7	2.05	
									1.7			3.7				
REDUCED TO SEA LEVEL.																
Max.	30.37	30.41	30.47	49	60	45	51.0									
Min.	29.12	29.16	29.23	2	17	7	10.0									
Mean	29.83	29.81	29.87													
Range	1.25	1.25	1.24	47	43	38	41.0									
Mean of month			29.837	...	...	...	32.8									
Extreme range			1.35	...	...	...	58.0									

Prevailing winds from some point between—	Days.
N. & E.	2
E. & S.	2
S. & W.	8
W. & N.	19

	Days.
Clear	13
Variable / Cloudy	11
Rain or snow fell on	6

April, 1858. New Moon, 13d. 6h. 7m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Relative Humidity.	Rain and Snow in Inches of Water.	REMARKS.
1	30.03	30.01	30.05	35	58	38	43.7	S. W. 1	S. W. 1	S'ly 1	0	0	0	59		1st. Very fine.
2	30.02	29.95	29.81	33	56	46	45.0	N. E. 1	S. W'ly 2	S'ly 1	5	9	0	70		2d. At 6 A. M., surface current of wind from N. E.; upper current from W'ly. A copious white frost this morning.
3	29.72	29.64	29.71	40	69	55	54.7	N. W. 1	N. W. 1	N. E'ly 1	1	0	0	49		3d. Very warm for the season.
S 4	29.82	29.83	29.83	45	57	40	47.3	N. E. 1	N. E. 2	N. E. 2	2	0	2	48		4th. Very fine.
5	29.81	29.70	29.66	35	62	49	48.7	N. E. 1	S. E'ly 2	S'ly 1	0	3	Foggy	71		5th. Pleasant. Dense fog in the evening.
6	29.59	29.56	29.71	50	57	39	48.7	S. W. 1	N. W. 2	N. W. 1	10	9	0	68		6th. Sprinkling at 6 P. M. Clear at 10 P. M.
7	29.79	29.79	29.93	30	43	33	35.3	N. W. 2	N. W. 3	N. W. 2	0	0	0	0		7th. Cold, but fine. Wind blustering, and air full of dust.
8	30.01	29.97	29.97	30	55	45	43.3	N. W. 2	W'ly 2	S. W. 2	0	2	10	36		8th. Pleasant. Cloudy, with appearances of storm in the evening.
9	29.79	29.53	29.51	42	55	48	48.3	S'ly 1	S'ly 1	S'ly 1	Misty	Misty	Foggy	93	0.25	9th. Light rain and mist in the morning. Clouds broken in the evening, and foggy. Aurora from 8 to 9 P. M. Streamers shooting up from a cloud at the north; streamers low down, and not well defined.
10	29.50	29.59	29.84	46	58	37	47.0	S'ly 1	N. W. 2	N. W. 3	Foggy	7	0	55		10th. Pleasant. Aurora in the evening, with faint streamers. At 10 P. M., there was for some time a narrow, white, well-defined auroral bow spanning the heavens from the east to the west, passing a little to the south of the zenith.
S 11	29.88	29.73	29.77	34	55	45	44.7	N. W. 1	N. W. 2	N. W. 2	0	7	10	30		11th. Pleasant.
12	29.80	29.77	29.73	39	52	38	43.0	N. E. 1	S'ly 1	N. E. 2	10	8	Sprin'le	28		12th. Pleasant in the morning. Air raw in the afternoon. Sprinkling in evening.
13	29.56	29.47	29.41	37	43	40	40.0	N. E. 2	N. E. 2	N. E. 2	Misty	Rain	Rain	91	1.10	13th. Mist and light showers.
14	29.25	29.26	29.32	40	57	42	46.3	N. E. 2	N. W. 2	S. W. 1	Rain	7	0	83		14th. Thundershower at 7 A. M.; wind N. E.; clouds broken, lower stratum coming from N. E., the upper from S. W.
15	29.29	29.30	29.47	43	60	49	50.7	S. W. 2	N. W. 3	S. W. 2	5	5	3	54		15th and 16th. Pleasant.
16	29.57	29.53	29.61	47	63	50	53.3	W by N. 2	W. 2	S. W. 2	0	5	5	53		17th. Very fine. Evening splendid.
17	29.71	29.73	29.78	45	60	46	50.3	S. W. 2	W'ly 2	N. W. 2	0	3	0	31		18th. Very fine.
S 18	29.86	29.89	29.98	38	61	50	49.7	N. W'ly 2	W by N. 2	N. W. 1	0	0	3	31		19th. Cloudy in the afternoon; air raw and chilly.
19	30.10	30.06	30.03	42	60	45	49.0	N'ly 1	S. W'ly 2	S. W'ly 1	5	10	10	31		20th. Began to sprinkle at 10 A. M. Steady but moderate rain in the evening.
20	30.02	29.82	29.49	44	44	40	42.7	N. E. 1	N. E. 1	E'ly 1	10	Rain	Rain	83	1.00	21st. Cloudy all day. Clouds broken in the evening.
21	29.22	29.32	29.49	39	44	44	42.3	N by W. 2	W'ly 1	N. W'ly 2	10	10	5	74		22d. Very fine. Evening splendid.
22	29.72	29.80	29.82	42	58	45	48.3	N. W. 1	S'ly 2	S'ly 1	0	0	0	67		23d. Showery in the morning. Fog in the afternoon. Rain after 10 P. M.
23	29.69	29.47	29.53	50	58	46	51.3	S. W. 2	S'ly 2	N. E. 4	10	Rain	Rain	76	0.75	24th. Air dry, wind chilly.
24	29.62	29.63	29.83	40	51	40	43.7	N. W. 3	W'ly 3	N. W. 2	4	7	8	51		25th. Air chilly. Drizzling rain at 5 P. M. Snow at 10 P. M.
S 25	29.95	29.95	29.96	42	48	34	41.3	N. W. 2	N. W. 1	N. E. 1	0	10	Snow	24		26th. Clear during day. Cloudy at night.
26	29.86	29.83	29.87	37	50	39	42.0	N. W. 2	N. W. 1	N. E. 1	0	0	10	52		27th. Heavy N. E. storm; wind high, air thick with snow, which melted as it fell.
27	29.87	29.64	29.44	36	33	34	34.3	N'ly 1	N. E. 3	N. E. 3	10	Snow	Snow	34	0.37	28th. Cool, but very fine.
28	29.59	29.53	29.65	40	52	44	45.3	W'ly 2	W'ly 2	N. W. 1	8	7	0	35		29th. Very fine.
29	29.67	29.55	29.57	47	62	47	52.0	N. W. 2	N. W. 1	S. W. 1	0	0	8	41		30th. Showery in the morning. Afternoon and evening fine.
30	29.57	29.55	29.58	48	59	53	53.3	S. W. 1	S. W. 1	S'ly 1	Rain	0	0	85	0.16	
Means	29.73	29.68	29.71	40.5	54.7	43.4	...	1.5	1.8	1.6	4.7	5.3	5.1	53.4	3.63	
									1.6			5.0				
REDUCED TO SEA LEVEL.																
Max.	30.28	30.24	30.23	50	69	55	54.7									
Min.	29.40	29.44	29.50	30	33	33	34.3									
Mean	29.91	29.86	29.89													
Range	0.88	0.80	0.73	20	36	22	20.4									
Mean of month			29.887	...	...	...	46.2									
Extreme range			0.88	...	...	...	39.0									

Prevailing winds from some point between—	Days.
N. & E.	5
E. & S.	1
S. & W.	9
W. & N.	15

	Days.
Clear	8
Variable, Cloudy	12
Rain or snow fell on	10

May, 1858. New Moon, 13d. 2h. 40m. A. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.			
1	29.58	29.75	29.94	57	66	52	58.3	N'ly 1	S'ly 1	S. E. 1	0	0	10	63		1st. Very fine.
S 2	30.10	30.07	30.18	50	58	46	51.3	N. E. 1	E'ly 1	N. W.	Rain	5	0	56		2d. Showers in the morning. Cleared in the afternoon. Evening fine.
3	30.29	30.18	30.16	44	58	41	47.7	N. E. 1	N. W. 1	N. W. 1	0	0	0	42		3d and 4th. Very fine.
4	30.10	29.98	29.96	49	57	49	51.7	N'ly 1	S'ly 1	N. W. 2	0	0	0	47		5th. Showers from 10 A. M. to noon. Afternoon pleasant.
5	29.90	29.86	29.77	52	60	53	55.0	S. W. 1	S'ly 1	S. E. 1	10	10	6	66	0.20	6th. Light showers in the morning.
6	29.58	29.47	29.46	58	60	57	58.3	S. E. 1	S'ly 1	N. E. 1	Rain	10	Misty	79		7th. Clouds and fog.
7	29.56	29.65	29.79	55	60	53	56.0	N. E. 1	E'ly 2	N. E. 1	10	10	8	75		8th. Rather cool. Cherry-trees in full bloom.
8	29.89	29.89	29.88	48	56	46	50.0	N. E. 2	N. E. 2	N. E.	0	5	10	72		9th. Cloudy. Air raw in the afternoon.
S 9	29.83	29.74	29.72	50	59	49	52.7	N'ly 1	S. E'ly 1	S'ly 1	10	10	9	58		10th. Cloudy, with occasional sprinkling of rain.
10	29.66	29.68	29.77	52	69	57	59.3	S'ly 1	N. W. 1	N. E. 1	2	10	10	47		11th. Cloudy through the day. Rain in the evening.
11	29.82	29.71	29.63	47	59	47	51.0	N. E. 2	N. E. 2	N. E. 3	10	10	Rain	66	1.00	12th. Pleasant. Evening clear.
12	29.40	29.39	29.54	56	69	52	59.0	S. W. 1	S. W. 3	N. W. 2	Foggy	5	0	60		13th. Fine. Evening very clear.
13	29.59	29.70	29.88	50	65	55	56.7	N. W. 3	N. W. 3	N. W. 1	1	3	0	51		14th. Very fine.
14	29.95	29.87	29.81	48	63	52	54.3	N. W. 1	N. W. 2	N. W. 1	10	2	5	52		15th. Pleasant. Thundershower at 9 P. M.
15	29.70	29.64	29.67	54	69	56	59.7	S. W. 1	N. W. 1	N. W. 1	10	2	5	66		16th. Pleasant.
S 16	29.77	29.81	29.92	55	62	51	56.0	N. W. 2	N. W. 2	N. W. 1	10	3	0	29		17th. Sprinkling of rain at intervals. In the evening, light showers.
17	30.00	29.92	29.79	44	53	45	47.3	S'ly 1	S. W'ly 2	S'ly 2	2	10	Rain	55		18th. Mist, with occasional light rain.
18	29.79	29.79	29.88	43	48	44	45.0	E. 2	E. by N. 1	N. E. 1	Rain	Misty	Misty	86		19th. Cloudy and cool. Clouds broken in the evening.
19	29.90	29.90	29.84	46	55	45	48.7	N. E. 1	N. E. 2	S. E. 1	10	10	10	66		20th. Mist, sprinkling, and sunshine. In the evening, light rain.
20	29.77	29.68	29.63	46	57	47	50.0	N. E. 1	S. W. 1	S. W. 1	Misty	10	Rain	83	1.00	21st. Light showers and sunshine.
21	29.58	29.61	29.73	47	52	47	48.7	N. 2	N. W. 1	N. W. 1	10	Rain	0	85		22d. Showers in the morning. Evening clear.
22	29.76	29.89	30.01	45	55	46	48.7	N. W. 1	N. E. 2	S. W. 1	Rain	5	0	60		23d. Fine in the morning. Sprinkling in the evening.
S 23	30.02	29.91	29.82	52	70	54	58.7	W. 2	W'ly 1	S. W. 2	0	3	Sprin'le	57	0.15	24th. Cloudy in the morning. Evening clear.
24	29.42	29.27	29.52	58	75	59	64.0	S. W. 2	S. W. 4	N. W. 2	10	10	0	59		25th. Pleasant.
25	29.59	29.60	29.81	56	62	50	56.0	N. W. 2	N. E. 3	N. E. 2	0	10	10	57		26th and 27th. Cloudy and cool, with mist and sprinkling.
26	29.82	29.78	29.78	47	57	49	51.0	N. E. 1	N. E. 2	N. E. 2	10	10	Sprin'le	59		28th and 29th. Very fine.
27	29.74	29.80	29.92	47	53	49	49.7	N. E. 2	N. E. 3	N. E. 2	Misty	10	10	66		30th. Fine in the evening.
28	29.98	30.02	30.09	49	60	43	50.7	N. E. 2	N. E. 4	N. E. 1	0	2	0	52		31st. Very fine.
29	30.07	30.01	30.01	44	61	44	49.7	N. E. 2	N. E. 3	N. E. 1	0	0	1	55		Pear-trees in full bloom from 15th to 20th. Apple-trees from 20th to 25th.
S 30	29.97	29.90	29.94	43	64	51	52.7	N. E. 1	N. E. 2	S'ly 1	1	0	0	62		
31	29.90	29.88	29.88	47	69	53	53.0	S'ly 1	S'ly 3	S'ly 1	0	0	0	63		
Means	29.81	29.79	29.83	49.6	60.7	49.8	...	1.4	1.9	1.3	6.0	6.0	5.3	61.1	2.35	
									1.5			5.8				
REDUCED TO SEA LEVEL.																
Max.	30.47	30.36	30.36	58	75	59	64.0									
Min.	29.58	29.45	29.64	43	48	41	45.0									
Mean	29.99	29.97	30.01													
Range	0.89	0.91	0.72	15	27	18	19.0									
Mean of month			29.990	...	...	...	53.3									
Extreme range			1.02	...	...	...	34.0									

Prevailing winds from some point between—	Days.
N. & E.	14
E. & S.	2
S. & W.	7
W. & N.	8

	Days.
Clear	7
Variable, Cloudy	10
Rain fell on	14

June, 1858. New Moon, 11d. 9h. 38m. A. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Relative Humidity.	Rain and Snow in Inches of Water.	REMARKS.
1	29.86	29.86	29.90	52	66	56	58.0	S'ly 2	S'ly 1	S'ly 1	9	10	10	46.0		1st. Cloudy and mild.
2	29.91	29.88	29.92	52	77	58	62.3	N'ly 1	N. E. 1	S'ly 1	3	1	0	51.0		2d and 3d. Very fine.
3	29.91	29.89	29.93	60	77	62	66.3	N. W. 2	N. E. 2	N. E. 1	0	3	5	42.0		4th. Cloudy, with appearances of rain in the afternoon. Shower during the night.
4	29.92	29.88	29.79	62	72	64	66.0	S'ly 1	S. W. 3	S. W. 3	5	10	10	45.0		5th. Very warm and damp.
5	29.68	29.69	29.82	64	83	67	71.3	S. W. 2	S. W. 2	S. W. 1	10	7	6	67.0	0.10	6th. Thundershower from 5 to 6 A. M.
S 6	29.82	29.79	29.85	61	76	67	68.0	S'ly 2	S. W. 3	S. W. 4	Rain	5	2	76.0	0.25	Pleasant in the afternoon and evening, with wind strong at S. W.
7	29.92	29.92	29.90	67	84	64	71.7	S. W. 1	S. W. 2	S. W. 1	3	2	1	71.0		7th. Pleasant.
8	29.85	29.84	29.92	65	80	70	71.7	S. W. 2	S. W. 2	S. W. 1	7	6	0	64.0		8th. Pleasant. Heavy cumulus clouds in the morning.
9	29.93	29.86	29.87	65	80	61	68.7	N. E. 1	N. E. 1	N. E. 2	5	3	10	61.0		9th and 10th. Pleasant.
10	29.80	29.71	29.59	63	74	68	68.3	E'ly 1	S. E. 3	S. W'ly 3	Foggy	2	0	79.0		11th. Light shower at 1 P. M. Showery in the afternoon and evening, with thunder.
11	29.52	29.54	29.72	73	85	62	73.3	S. W. 3	S. W. 2	N. E. 2	2	Shower	Rain	72.0	} 3.00	From noon to 2 P. M., air very hot and sultry.
12	29.81	29.83	29.72	55	54	50	53.0	N. E. 2	N. E. 2	N. E. 3	Rain	Rain	Rain	86.0		12th. Rain through the day. Rain heavy in the evening, and cold.
S 13	29.60	29.66	29.70	49	56	53	52.7	N. E. 2	N'ly 2	N. E'ly 1	10	10	10	80.0		13th and 14th. Cloudy.
14	29.74	29.74	29.82	51	62	53	55.3	N. E'ly 1	N. E. 1	N. E. 1	10	10	10	72.0		15th. Heavy rain through the day. Mist in the evening.
15	29.77	29.76	29.80	49	52	50	50.3	N. E. 1	N. E. 1	N. E. 1	Rain	Rain	Misty	91.0	1.65	16th and 17th. Pleasant.
16	29.86	29.88	29.94	50	64	56	56.7	N. E. 1	S'ly 2	S'ly 1	10	5	2	76.0		18th. Very fine.
17	29.97	29.94	29.90	56	64	58	59.3	S'ly 1	S'ly 2	S'ly 1	Foggy	0	5	82.0		19th. Pleasant. Sprinkling of rain at 8 P. M.
18	29.81	29.68	29.64	59	84	71	71.3	S'ly 1	S'ly 2	S. W'ly 1	2	1	0	67.0		20th. Thunder and sprinkling of rain in the afternoon and evening.
19	29.73	29.68	29.73	69	79	66	71.3	N. E. 1	S. E'ly 1	S'ly 1	3	2	7	49.0		21st. At 1 P. M., wind N. E., while the clouds came from the N. W. Heavy shower of rain from 4 to 5 P. M.
S 20	29.74	29.69	29.66	65	81	70	72.0	N. E'ly 2	S. E'ly 1	S'ly 1	0	5	3	63.0	0.05	22d and 23d. Fine.
21	29.65	29.67	29.75	70	81	63	71.7	N. E'ly 1	N. E. 2	N. W. 1	2	2	5	68.0	0.30	24th. Extremely warm and sultry.
22	29.80	29.89	29.99	64	78	60	67.3	N. W. 1	N. E'ly 2	S'ly 1	2	2	4	61.0		25th. Excessively hot at mid-day. Evening much cooler, with wind N. E.
23	30.00	29.97	29.93	62	77	67	68.7	S. W. 2	S. W. 3	S. W. 3	2	3	7	63.0		26th. Warm and sultry. Shower at 3 P. M., with thunder. Thunder and sprinkling at 6 P. M.
24	29.85	29.75	29.76	68	86	74	76.0	S. W. 2	S. W. 2	S. W. 2	8	1	1	42.0		27th. Hot and sultry.
25	29.72	29.66	29.71	75	91	70	78.7	Calm	W'ly 2	N. E. 2	0	3	7	76.0		28th. Extremely hot.
26	29.67	29.71	29.68	67	83	75	75.0	N. E. 1	N. E. 1	N. E. 1	2	5	3	85.0	0.20	29th. Hot; air very dry; breeze cool.
S 27	29.73	29.72	29.75	72	86	74	77.3	N. E'ly 1	N. E'ly 1	S'ly 1	5	3	1	76.0		30th. Very fine.
28	29.69	29.62	29.67	73	88	78	79.7	S. W'ly 1	S. W'ly 1	N. W. 1	6	3	0	68.0		
29	29.69	29.68	29.62	70	85	79	78.0	N. W. 2	N. W. 2	S. W. 1	0	0	0	40.0		
30	29.68	29.64	29.67	68	80	68	72.0	N. W. 2	N. W. 2	N. W. 1	0	0	0	50.0		
Means	29.79	29.77	29.79	62.5	76.2	64.5	...	1.4	1.8	1.5	5.2	4.5	4.6	65.6	5.55	
									1.6			4.8				
REDUCED TO SEA LEVEL.																
Max.	30.18	30.15	30.17	75	91	79	79.7									
Min.	29.70	29.72	29.77	49	52	50	50.3									
Mean	29.97	29.95	29.97													
Range	0.48	0.43	0.40	26	39	29	29.4									
Mean of month		29.963		...	...	...	67.7									
Extreme range		0.48		...	...	...	42.0									

Prevailing winds from some point between— Days.

N. & E.	11
E. & S.	3
S. & W.	13
W. & N.	3

	Days.
Clear	6
Variable / Cloudy	17
Rain fell on	8

July, 1858. New Moon, 10d. 4h. 17m. P. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.			
1	29.82	29.74	29.71	60	68	58	62.0	N. W. 2	N. W. 2	N. W. 1	5	9	0	38.7		1st. Very cool for the season. Air extremely dry.
2	29.73	29.71	29.75	58	82	63	67.7	N. W. 2	N. W. 2	S. W. 1	1	0	0	51.7		2d. Very fine.
3	29.73	29.68	29.58	67	68	69	68.0	S. W. 2	S. E. 2	S'ly 1	Rain	Rain	Foggy	89.5	0.50	3d. Rain in the morning. Thick fog in the evening.
S 4	29.47	29.51	29.71	70	84	70	74.7	S. W. 1	N. W. 1	N. W. 1	9	8	0	76.9		4th. Pleasant.
5	29.85	29.94	30.07	63	75	61	66.3	N. W. 1	N. E. 2	S'ly 1	2	2	0	67.1		5th and 6th. Very fine.
6	30.08	30.07	30.04	63	82	66	70.3	S. W. 1	S. W'ly 1	S'ly 1	6	2	0	73.8		7th. Sun very hot at mid-day.
7	29.95	29.89	29.79	67	87	71	75.0	S. W. 2	S. W. 2	S. W. 1	0	2	0	57.1		8th. Very warm.
8	29.86	29.75	29.82	72	88	69	76.7	S. W. 2	S. W. 3	S. W. 1	0	0	0	51.7		9th and 10th. Very warm and sultry.
9	29.86	29.88	29.94	71	83	71	75.0	S. W. 2	S. W. 3	S. W. 1	8	8	Foggy	80.0		11th. Hottest day of the season. Heavy shower from 6 to 9 P. M., with some thunder.
10	29.92	29.83	29.83	74	88	76	79.3	S. W. 2	S. W. 3	S. W. 1	10	3	0	73.9		12th. Very cool, with mist.
S 11	29.78	29.74	29.84	78	93	73	81.3	S. W. 1	S. W. 2	S'ly 1	0	1	Shower	63.1	1.35	13th. Air very damp morning and evening.
12	29.86	29.87	29.87	63	64	60	62.3	N. E. 2	N. E. 2	N. E. 2	Misty	10	Misty	89.0		14th. Very damp, with occasional light showers.
13	29.81	29.79	29.87	63	82	74	73.0	N. E. 1	S. W. 4	S. W. 2	Misty	8	10	82.3		15th. Very damp and cloudy. A few stars visible in the evening.
14	29.90	29.89	29.96	73	75	70	72.7	S. W'ly 1	S. W. 1	S. W. 2	Shower	Sprin'le	10	85.3	0.15	16th. Pleasant.
15	29.93	29.92	29.92	69	76	68	71.0	N. E. 1	S. W. 1	S. W. 1	10	10	10	81.5		17th. Warm; air very damp.
16	29.93	29.92	29.91	65	77	68	70.0	N'ly 1	S. W'ly 1	S. W'ly 1	Foggy	6	1	79.9		18th. Light showers in morning. Evening clear.
17	29.90	29.85	29.86	67	80	73	73.3	S'ly 1	S. E. 3	S'ly 1	7	0	10	79.5		19th. Very fine.
S 18	29.84	29.84	29.93	70	75	68	71.0	N. E. 1	N. E. 1	N. E. 1	Rain	10	0	80.2	0.30	20th. Pleasant.
19	29.95	29.94	29.94	63	79	65	69.0	N by W. 2	N. W. 3	N. W. 1	0	1	0	54.8		21st. Very fine.
20	29.87	29.71	29.75	66	82	67	71.7	N. W. 2	W by N 2	S. W. 1	0	5	7	60.4		22d. Thundershower from 4 to 5 A. M.
21	29.67	29.64	29.61	66	80	70	72.0	S. W. 2	S. W. 3	S. W. 2	3	3	7	71.2		23d. Fine. Shower during the night.
22	29.53	29.49	29.56	65	75	66	68.7	S. W. 1	S. E'ly 2	S. W. 2	9	10	Shower	77.6	0.35	24th. Pleasant. Evening very cool.
23	29.60	29.64	29.69	62	75	65	67.3	N. W. 1	N. W. 2	E'ly 1	0	5	2	71.3		25th. Cloudy for the most part, and very cool.
24	29.71	29.73	29.82	62	71	58	63.7	N. E. 2	N. W. 3	N. by E. 2	Sprin'le	3	9	67.3	0.15	26th. Fine.
S 25	29.89	29.93	30.02	58	65	57	60.0	N. E'ly 2	N. N. E. 2	N. E. 2	10	10	1	70.8		27th. Warm and damp.
26	29.99	29.92	29.90	57	73	60	63.3	N. W. 1	S. W. 2	S'ly 1	2	5	0	70.9		28th. Pleasant; air very dry.
27	29.78	29.66	29.67	65	79	71	71.7	S. W. 2	S. W. 4	S. W. 1	10	8	6	76.0		29th. Cloudy for the most part during the day. Lightning in the evening. Heavy rain during the night.
28	29.72	29.74	29.80	66	81	66	71.0	N. W. 1	N. W. 2	N. W. 1	9	3	8	48.0		30th. Cloudy in the morning. Afternoon rainy. Starlight at 11 P. M.
29	29.81	29.69	29.55	63	75	70	69.3	N. W. 1	S'ly 1	S. W. 1	6	3	10	67.3	} 2.10	31st. Fine.
30	29.60	29.55	29.58	59	68	59	62.0	N. W. 2	N. E. 1	N'ly 1	10	10	6	82.8		
31	29.58	29.60	29.67	59	74	65	66.0	N. W. 1	N. W. 1	N. W. 1	4	3	2	67.3		
Means	29.80	29.78	29.81	65.3	77.5	66.7	...	1.5	2.1	1.2	6.2	5.4	5.0	70.5	4.90	
									1.6			5.5				
REDUCED TO SEA LEVEL.																
Max.	30.26	30.25	30.25	78	93	76	81.3									
Min.	29.65	29.67	29.73	57	64	57	60.0									
Mean	29.98	29.96	29.99													
Range	0.61	0.58	0.52	21	29	19	21.3									
Mean of month		29.977		...	...	...	69.8									
Extreme range		0.61		...	...	...	36.0									

Prevailing winds from some point between— Days.

N. & E.	6
E. & S.	3
S. & W.	14
W. & N.	8

	Days.
Clear	7
Variable / Cloudy	17
Rain fell on	7

August, 1858. New Moon, 8d. 11h. 46m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Relative Humidity.	Rain and Snow in Inches of Water.	REMARKS.
S 1	29.71	29.71	29.85	63	79	62	68.0	N. W. 1	N. W. 1	N. E. 1	3	2	0	63.7	0.25	1st. Very fine in morning. Brisk shower from 5 to 8 P. M., with thunder, wind at the same time changing from W'ly to N. E., with a gust.
2	29.86	29.90	30.00	60	70	61	63.7	N. E. 2	N. E. 2	N. E. 1	10	10	10	74.1		2d. Cloudy and cool.
3	29.98	29.96	29.97	61	67	60	62.7	N. E. 1	N. E. 2	E'ly 1	1	10	Rain	77.3		3d. Cloudy, began to rain from 10 to 11 P. M.
4	29.89	29.80	...	60	68	...	...	E.byN. 1	S. E. 2	...	Rain	Rain	...	74.1	2.50	4th. Rain nearly all day; very heavy from noon to 3 P M.
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.45	5th. Light shower in the afternoon.
6	...	...	...	...	...	...	...	...	...	...	...	...	0	59.5		6th. Heavy shower in the afternoon.
7	...	...	29.90	...	...	63	...	...	...	N. E. 1	...	...	0	52.1		7th. Cloudy in the morning. Pleasant in the afternoon. Evening clear.
S 8	29.89	29.92	29.96	63	75	62	67.7	N. E. 2	N. E. 2	N. E. 1	1	0	0	62.5		8th. Fine.
9	29.91	29.88	29.86	59	72	61	64.0	N. E. 1	N. E. 2	N. E. 2	0	1	10	88.2		9th. Very fine. Air remarkably clear till evening, when it became overcast.
10	29.78	29.73	29.73	61	66	65	64.0	N. E. 3	N. E. 3	N. E. 2	10	Misty	Misty	85.0		10th. Occasional mist. Sun out for a short time from 3 to 4 P. M.
11	29.69	29.71	29.78	65	68	65	66.0	N. E. 2	N. E. 2	N. E. 1	Misty	Rain	2	84.1	1.45	11th. Mist and occasional light rain during the day. Evening mostly clear.
12	29.79	29.84	29.98	65	71	65	67.0	N. E. 1	N. E. 2	Calm	Rain	10	1	78.6		12th. Heavy rain in the morning. Evening very still and clear.
13	30.03	30.12	30.04	63	72	63	66.0	N. E. 1	N. E. 1	N. E. 2	5	8	10	73.5	0.20	13th. Pleasant. Overcast at 1 P. M.
14	30.04	30.03	29.89	62	75	64	67.0	N. E. 2	N. E. 2	N. E. 1	5	6	Rain	84.7		14th. Cloudy. Showery in the evening and during the night.
S 15	29.76	29.72	29.74	65	71	69	68.3	N. E. 1	N'ly 1	N'ly 1	10	10	10	76.2		15th. Cloudy. Rain in the night.
16	29.78	29.84	29.93	71	78	69	72.7	N'ly	N. W. 1	Calm	10	6	10	80.2	0.20	16th. Cloudy in the morning. Pleasant in the afternoon. Evening clear.
17	29.95	29.92	29.89	65	79	73	72.3	Calm	S'ly 2	S'ly 1	Misty	5	10	87.5	0.45	17th. Brisk shower from 8 to 10 A. M. Thunder at 5 P. M., but no rain.
18	29.76	29.63	29.59	72	80	78	76.7	S. W. 2	S. W. 2	S. W. 2	10	7	Shower	63.8		18th. Clouds and sunshine. Air very damp. Brisk shower, with thunder, from 10 to 11 P. M.
19	29.49	29.61	29.68	71	71	57	66.3	S. W. 1	N. W. 3	N. W. 1	9	3	2	60.1		19th. Pleasant.
20	29.70	29.71	29.78	51	70	60	60.3	N. W. 2	N. W. 2	S. W. 1	0	5	3	70.9		20th. Pleasant. Air extremely dry in the morning.
21	29.74	29.74	29.75	67	77	70	70.3	S. W. 1	S. W. 2	S. W. 1	2	6	3	62.0		21st. Pleasant.
S 22	29.66	29.66	29.70	66	75	64	68.3	S. W. 1	W'ly 2	N. W. 2	8	10	0	50.3		22d. Pleasant. Evening cool and clear.
23	29.76	29.79	29.91	54	67	54	58.3	N. W. 1	N. W. 3	N. W. 1	0	0	0	54.6		23d. Very clear and cold for the season.
24	29.95	29.88	29.97	49	72	59	60.0	N. W. 1	S. W. 2	S. W. 1	0	0	0	62.5		24th. Very fine. Morning cold for the season.
25	30.02	30.04	30.15	59	73	60	64.0	N. W. 1	S. W. 1	S. W. 1	0	3	0	66.7		25th and 26th. Very fine.
26	30.12	30.08	30.08	56	72	60	62.7	Calm	S. W. 2	S. E'ly 1	2	0	5	86.9	2.70	27th. Rain in the afternoon and evening.
27	29.98	...	...	55	...	...	...	S. W. 1	...	...	...	...	...	89.8		28th. Heavy rain, with wind S. E. and S'ly.
28	...	...	29.55	...	...	70	...	...	...	S'ly 1	...	...	Rain	73.6		29th. Cloudy in the morning. Warm and fine in the afternoon.
S 29	29.50	29.49	29.55	71	80	66	72.3	S'ly 1	S. W. 1	S. W. 1	10	2	0	70.9		30th. Pleasant.
30	29.56	29.61	29.67	62	76	63	67.0	S. W. 1	S. W. 2	S. W.	3	2	0	81.3		31st. Very fine.
31	29.68	29.70	29.77	63	76	65	68.0	S. W. 1	S. W. 2	S. W. 1	8	3	0			
Means	29.81	29.81	29.84	62.2	73.1	64.0	...	1.2	1.9	1.1	5.7	5.3	4.7	72.2	8.20	
								1.4			5.2					
REDUCED TO SEA LEVEL.																
Max.	30.30	30.30	30.33	72	80	78	76.7									
Min.	29.67	29.67	29.73	49	66	54	58.3									
Mean	29.99	29.99	30.02													
Range	0.63	0.63	0.60	23	14	24	18.4									
Mean of month			30.000	...	...	...	66.4									
Extreme range			0.66	...	...	...	31.0									

Prevailing winds from some point between— Days.

	Days.
N. & E.	12
E. & S.	1
S. & W.	11
W. & N.	5

	Days.
Clear	8
Variable, Cloudy	7
Rain fell on	13

(3 days omitted.)

September, 1858. New Moon, 7d. 9h. 7m. A. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.			
1	29.80	29.81	29.84	63	73	63	66.3	N. W. 1	N. W.	N. W. 1	0	...	0	67.2		1st. Very fine.
2	29.80	29.77	29.79	64	73	63	66.7	N. W. 1	S. W.	S. W. 1	5	7	0	83.4		2d. Fine. Evening very clear.
3	29.78	29.75	29.73	65	76	72	71.0	S. W. 1	S. W. 3	S. W. 2	2	3	10	72.4		3d. Pleasant.
4	29.58	29.59	29.61	72	78	69	73.0	S. W. 1	S. W. 2	S. W. 1	10	10	Rain	85.4	0.80	4th. Shower, with thunder, from 2 to 3 P. M., and again from 10 to 11 P. M.
S 5	29.66	29.68	29.74	65	78	68	70.3	W'ly 1	S. W. 2	S. W. 1	1	4	0	74.4		5th and 6th. Very fine.
6	29.80	29.88	29.98	63	75	65	67.7	N. W. 1	N. W.	N. W. 1	0	...	0	52.2		7th. Very fine. Aurora this evening.
7	30.01	30.03	30.04	60	77	65	67.3	N. W. 1	S. W. 1	S. W. 1	0	0	0	58.0		8th. Very fine.
8	30.00	29.93	29.94	62	82	66	70.0	S. W. 1	W by S. 2	N. W. 1	1	0	0	80.8		9th. Very hot sun at mid-day.
9	29.91	29.86	29.89	66	85	68	73.0	S. W'ly 2	S. W'ly 2	S. W'ly 2	0	0	0	71.6		10th. Very hot sun at mid-day. Evening splendid.
10	29.86	29.80	29.77	68	83	69	73.3	S. W. 1	S. W. 2	S. W. 1	Foggy	2	0	80.3		11th. Began to rain from 2 to 3 P. M. Showers in the afternoon and evening.
11	29.73	29.65	29.73	72	80	66	72.7	S. W. 2	S. W. 2	S. W'ly 1	10	10	Rain	80.6	0.25	12th and 13th. Very fine.
S 12	29.70	29.69	29.84	60	76	59	65.0	W'ly 2	W'ly 2	N. W. 1	0	3	0	70.0		14th. Pleasant.
13	29.92	29.97	30.08	52	69	58	59.9	N'ly 1	N. E. 1	W'ly 1	0	2	0	65.1		15th. Cloudy and cool. Began to rain very moderately at 10 P. M.
14	30.12	30.11	30.10	51	66	58	58.3	N'ly 1	N. E. 2	N. E. 1	0	2	7	64.5		16th. At sunrise, the wind very heavy at about E. S. E., and raining. The wind was fitful, very heavy at intervals, hauling to S. E. At 5 P. M., barometer had fallen to 28.90, and the wind had lulled. Before 6 P. M., wind came to N. W., with blustering and heavy gusts, and the barometer rose very rapidly.
15	30.02	29.91	29.78	56	67	63	62.0	N. E'ly 1	S. E'ly 2	E'ly 1	10	10	Rain	59.9	1.85	
16	29.32	29.10	29.35	66	74	63	67.7	E. S. E. 5	S. E. 4	N. W. 2	Rain	Rain	0	87.3		
17	29.51	29.62	29.89	60	70	55	61.7	N. W. 1	N. W. 3	N. W. 1	5	2	0	55.9		
18	30.04	30.08	30.18	50	65	54	56.3	N. W. 1	N. W. 2	N. W. 1	0	0	4	71.1		
S 19	30.20	30.20	30.25	54	68	54	58.7	N. W. 1	N. E. 1	Calm	8	1	0	64.6		17th, 18th, and 19th. Very fine.
20	30.20	30.08	29.96	52	76	64	64.0	S. W. 1	S. W. 2	S. W. 1	0	2	0	72.7		20th. Fine.
21	29.82	29.73	29.66	62	81	66	69.7	S. W. 1	S. W. 2	N. W. 1	0	2	1	77.8		21st. Very warm at mid-day.
22	29.68	29.65	29.83	54	61	45	53.3	N. W. 1	N'ly 3	N. W. 2	0	5	3	51.0		22d. Very cool in the evening.
23	29.94	29.92	29.93	39	55	45	46.6	N. W. 2	N. W. 1	N. W. 1	0	0	1	47.4		23d. Fine. Evening splendid.
24	29.87	29.78	29.90	46	55	50	50.3	W'ly 1	S. W. 1	N. W. 1	10	Rain	0	77.5	0.15	24th. Began to rain moderately at 10 A. M. Evening very clear.
25	30.04	30.04	30.10	41	58	46	48.3	N. W. 1	N. W. 2	N. W. 1	0	0	0	56.6		25th. Very fine. Evening clear.
S 26	30.10	30.12	30.19	44	60	48	50.7	N. W. 1	N. E. 1	N. E. 1	0	3	0	60.7		26th. Very fine. White frost in vicinity this morning.
27	30.18	30.18	30.18	43	60	48	50.3	N. E. 2	N. E. 3	N. E. 2	0	0	0	57.4		27th, 28th, and 29th. Very fine.
28	30.10	29.95	29.92	45	56	48	49.7	N. E. 2	N. E. 3	N. E. 1	1	0	0	59.9		30th. Very fine. Warm for the season.
29	29.88	29.76	29.73	45	65	56	55.3	N. E. 2	S. W. 2	S. W. 1	0	0	3	56.4		
30	29.65	29.63	29.65	57	76	63	65.3	S. W. 2	S. W. 2	S. W. 1	0	2	10	70.1		
Means	29.87	29.84	29.89	56.6	70.6	59.3	...	1.4	1.8	1.1	2.8	3.2	2.3	67.4	3.05	
								1.4			2.4					
REDUCED TO SEA LEVEL.																
Max.	30.38	30.38	30.43	72	85	72	73.3									
Min.	29.50	29.29	29.53	39	55	45	48.3									
Mean	30.05	30.02	30.07													
Range	0.88	1.09	0.90	33	30	27	25.0									
Mean of month			30.047	...	...	...	62.2									
Extreme range			1.14	...	...	...	46.0									

Prevailing winds from some point between— Days.

	Days.
N. & E.	6
E. & S.	2
S. & W.	14
W. & N.	8

	Days.
Clear	16
Variable, Cloudy	9
Rain fell on	5

Note.—The comet (Donati's, or the fifth comet of 1858) became distinctly visible to the naked eye early in the month, and before its close attained a brilliancy surpassing that of any comet for many years, with the exception of the great comet of 1843 for the single day of its passing its perihelion. We have no recollection of so brilliant a comet as that which now lights up the northwestern sky, immediately after the sunlight has disappeared.

October, 1858. New Moon, 6d. 9h. 0m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 1 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 1 P. M.	At 10 P. M.	Relative Humidity.	Rain and Snow in Inches of Water.	REMARKS.
1	29.53	29.36	29.42	64	68	55	62.3	S. W. 2	S. W. 2	N. W. 3	10	10	2	77.3	0.25	1st. Shower, with thunder, at 5 P. M. Evening clear.
2	29.58	29.62	29.77	48	60	47	51.7	N. W. 2	N. W. 3	N. W. 2	0	0	0	53.2		2d. Very fine. Evening clear, and the comet very brilliant.
S 3	29.70	29.41	29.41	47	71	68	62.0	S. W. 1	S. W. 2	S. W. 3	3	10	10	70.2		3d. Warm for the season. Appearances of storm in the evening.
4	29.39	29.39	29.54	68	82	61	70.3	S. W. 2	S. W. 4	N. W. 1	5	1	0	58.8		4th. Pleasant. Warm for the season.
5	29.66	29.73	29.91	57	67	53	59.0	N. W. 1	N. W. 2	N. W. 1	9	0	0	60.8		5th. Pleasant. Evening very clear. The comet splendid, being about 50′ or 55′ south of Arcturus.
6	29.92	29.87	29.86	47	63	48	52.7	N. W. 1	N. W. 1	N. W. 1	0	0	0	51.6		
7	29.63	29.37	29.30	41	58	61	53.3	N. W. 1	S. W. 2	S. W. 1	3	Rain	2	86.5	0.15	
8	29.41	29.40	29.46	45	54	43	47.3	W'ly	N. W. 3	S. W'ly 1	0	2	5	41.4		6th. Very fine. Comet again very bright, and about 5° south of Arcturus.
9	29.43	29.42	29.65	41	56	46	47.7	S. W. 2	S. W. 3	N. W. 2	0	5	0	55.0		7th. Heavy clouds in the morning. Began to rain moderately at 1 P. M. Mostly clear at 10 P. M.
S 10	29.77	29.86	30.01	44	60	46	50.0	N'ly 2	N. W. 2	N. W. 1	0	0	0	53.5		
11	29.99	29.99	30.02	44	57	46	49.0	N. W. 1	N. W. 2	N. W. 1	9	8	0	55.3		6th. Very fine.
12	30.06	30.08	30.10	42	55	47	48.0	N'ly 1	N. E'ly 2	N. E. 2	8	10	0	65.2		9th. Fine.
13	30.02	29.87	29.71	56	57	61	58.0	N. E. 1	N. E. 1	E'ly 1	10	Rain	Rain	91.1	1.25	10th. Very fine.
14	29.66	29.65	29.75	56	68	51	58.3	N. W. 1	S. W. 2	S. W. 1	8	0	0	60.8		11th. Pleasant.
15	29.88	29.80	30.11	50	60	46	52.0	N. W. 1	N. W. 3	N. W. 1	Shower	5	0	53.5		12th. Cloudy through the day. Evening clear.
16	30.26	30.27	30.32	42	62	52	52.0	N. W. 1	N. W. 1	N. W. 1	0	2	10	59.8		13th. Began to rain at 10 A. M. Rained heavily at intervals during the day and evening.
S 17	30.40	30.37	30.34	51	63	55	56.3	S. W'ly 1	S. W. 1	S. W. 1	9	5	5	74.8		
18	30.31	30.23	30.20	54	70	55	59.7	S. W. 2	S. W. 2	S. W. 1	3	2	1	70.7		14th. Pleasant and warm.
19	30.11	30.06	30.04	53	76	57	62.0	S. W. 1	S. W. 1	S. W. 1	1	2	0	62.2		15th. Light shower at 6 A. M. Day blustering. Evening clear.
20	29.99	29.94	29.99	51	72	65	59.3	S. W. 1	S. W. 1	S. W. 1	1	0	0	70.5		
21	30.13	30.14	30.16	52	56	50	52.7	N'ly 1	N. E. 3	N. E. 2	1	2	10	70.5		16th. Pleasant. Sprinkling of rain at 9 P. M.
22	30.08	30.02	30.05	53	62	57	57.3	N. E. 1	E'ly 1	E'ly 1	10	10	10	71.8		17th. Pleasant.
23	29.89	29.74	29.77	56	64	55	58.3	N'ly 1	N. E. 1	N. E. 2	Foggy	9	Foggy	80.5		18th. Fine.
S 24	29.72	29.71	29.83	53	53	45	50.3	N. E. 3	N. E. 4	N. E. 3	Rain	10	10	78.7		19th. Fine; very warm for the season.
25	29.95	29.97	30.04	36	45	39	40.0	N. E. 3	N. E'ly 3	N. E. 2	8	2	0	39.2		20th. Very fine.
26	30.08	30.04	30.01	33	50	43	42.0	N. E'ly 2	N.N.E. 2	N'ly 2	0	0	0	20.0		21st. Cloudy in afternoon and evening.
27	29.98	29.97	30.00	41	60	50	50.3	N. W. 2	N. W. 2	N. W. 1	2	3	0	30.8		22d. Mild; cloudy all day.
28	30.07	30.04	30.20	41	67	44	50.7	N. W. 1	N. W. 1	S. W. 1	0	0	1	40.4		23d. Mild and cloudy.
29	30.25	30.21	30.12	39	55	51	48.3	N. E. 1	S. E. 2	S'ly	2	10	Rain	61.3		24th. Occasional light rain; wind heavy.
30	29.93	29.81	29.76	56	59	61	58.7	S'ly 2	S. W. 2	S. W. 1	10	Rain	Rain	93.6	1.15	25th. Cool, but pleasant.
S 31	29.72	29.69	29.91	59	68	52	59.7	Calm	S. W. 2	N. W. 1	Foggy	3	1	71.1		26th. Light frost this morning—the first of the season on College Hill. Ice formed in shallow vessels of the thickness of window glass.
Means	29.89	29.84	29.90	49.0	61.9	51.6	...	1.3	2.0	1.4	4.9	4.6	3.5	62.9	2.80	27th. Brilliant aurora this evening, with streamers which at times were strongly tinged with red and pink light.
									1.6			4.3				28th. Very fine.
REDUCED TO SEA LEVEL.																29th. Cloudy in the afternoon. Sprinkling of rain in the evening.
Max.	30.58	30.55	30.52	68	82	68	70.3									30th. Moderate rain.
Min.	29.57	29.54	29.48	33	45	39	40.0									31st. Pleasant in the afternoon. Aurora in the evening, streamers white, with an occasional greenish hue.
Mean	30.07	30.02	30.08													
Range	1.01	1.01	1.04	35	37	29	30.3									
Mean of month			30.057	...	...	...	54.2									
Extreme range			1.10	...	...	...	49.0									

Prevailing winds from some point between—	Days.
N. & E.	8
E. & S.	1
S. & W.	12
W. & N.	10

	Days.
Clear	10
Variable, Cloudy	13
Rain fell on	8

November, 1858. New Moon, 5d. 11h. 41m. A. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.			
1	29.98	30.01	30.11	48	63	50	53.7	N. W. 2	N. W. 2	N. E. 1	0	0	1	50.8		1st. Very fine.
2	30.17	30.14	30.16	45	47	44	45.3	N. E. 2	N. E. 2	N. E. 2	10	Misty	10	66.5		2d. Cloudy, with mist and occasional fine rain in the morning.
3	30.12	30.11	30.07	47	48	46	47.0	N. E. 2	E'ly 3	N. E. 2	10	10	10	57.5		3d. Raw and cold.
4	29.96	29.80	29.77	46	49	50	48.3	N. E. 3	N. E. 3	N. E. 2	Rain	10	Rain	67.2		4th. Moderate rain at intervals.
5	29.79	29.78	29.81	44	50	48	47.3	N. W. 2	N. W. 1	N. E. 1	10	10	10	77.4		5th. Cloudy and mild. Wind light at N. W'ly nearly all day.
6	29.67	29.57	29.43	46	49	48	47.7	N. E. 2	N. E. 3	N. E. 2	Rain	Rain	Rain	80.9	1.40	6th. Light rain all day; more copious in the evening.
S 7	29.42	29.51	29.60	41	49	45	45.0	N. W. 2	N. W. 3	N. W. 2	Rain	3	0	68.4		
8	29.59	29.54	29.60	42	45	41	42.7	S. W. 2	S. W. 2	W'ly 1	3	2	0	83.2		7th. Shower in the morning; pleasant in the afternoon and evening.
9	29.61	29.61	29.61	39	46	38	41.0	S. W'ly 1	N. E. 2	N. E. 2	9	10	2	62.4		8th. Very fine. Evening clear.
10	29.64	29.73	29.84	35	48	37	40.0	N. W. 1	N. W. 2	N. W. 1	1	2	0	53.3		9th. Cool, and mostly cloudy.
11	29.94	29.91	29.92	30	41	28	33.0	N. W. 1	N. W. 2	N. W. 1	1	2	0	40.6		10th. Very fine.
12	29.86	29.80	29.86	24	32	25	27.0	N. W. 1	N. W. 2	N. W. 1	1	8	0	39.2		11th. Air raw and snowy. Heavy black frost this morning; the first of the season to injure dahlias and other hardy plants.
13	29.84	29.63	29.51	25	37	36	32.7	N. W. 1	N. E. 1	N. E. 1	10	10	Rain	66.1		12th. Cold and raw.
S 14	29.60	29.73	29.89	28	33	28	29.7	N. W. 3	N. W. 3	N. E. 2	1	0	0	38.5		13th. Air raw and cold. Began to rain from 8 to 9 P. M.
15	29.85	29.63	29.61	23	35	28	28.7	N. W. 1	S. W. 2	N. W. 1	3	Snow	0	65.7		14th. Ground white with snow this morning; weather wintry.
16	29.55	29.46	29.48	21	36	32	29.7	N. W. 2	N. W. 3	N. W. 2	1	7	5	51.8		15th. Fine snow in the air nearly all day. Mostly clear at 10 P. M.
17	29.50	29.58	29.66	32	41	34	35.7	N. W. 3	N. W. 4	N. W. 2	0	0	0	43.1		16th. Blustering and cold.
18	29.69	29.62	29.62	35	45	36	38.7	S. W. 1	W by N. 2	N. W. 1	10	2	0	40.0		17th. Fine, but cold.
19	29.66	29.58	29.71	38	42	31	37.0	S. W. 2	N. W. 3	N. W. 2	6	3	0	39.0		18th. Cloudy in the morning. Fine in the afternoon and evening.
20	29.69	29.68	29.72	25	45	34	34.7	S. W. 2	N. W. 2	N. W. 1	0	0	2	53.3		19th. Pleasant. Evening very clear.
S 21	29.70	29.59	29.59	31	40	35	35.3	W'ly 1	S. W. 1	S. W. 1	9	10	Snow	67.1		20th. Pleasant.
22	29.76	29.81	29.82	33	43	34	36.7	N. W. 1	N. W. 1	S. W. 1	0	2	3	59.9		21st. Began to snow very gently from 7 to 8 P. M.
23	29.44	29.22	29.34	39	42	34	38.3	N. E. 3	N. E. 4	Nl'y 2	Rain	Rain	Misty	85.0	1.25	22d. Very fine.
24	29.89	29.85	...	34	38	...	...	N. W. 1	N'ly 2	...	10	10	...	61.0		23d. Raw all day, with wind heavy at N. E'ly.
25	29.44	29.47	29.53	33	32	29	31.3	N. W. 2	N. W. 2	N. W. 2	0	5	0	86.3		24th. Raw and damp.
26	29.63	29.63	29.77	33	36	32	33.7	N. W. 2	N'ly 2	N'ly 2	0	10	10	70.9		25th. Clear and cold.
27	29.89	29.87	29.85	32	35	31	32.7	N. W. 1	N. W. 1	N. W. 1	10	5	10	33.6		26th. Cloudy and cold.
S 28	29.73	29.59	29.42	31	31	31	31.0	N. E'ly 1	N. E'ly 1	N. E. 2	10	Snow	Snow	75.7	0.75	27th. Cloudy, with appearances of storm in the evening.
29	29.46	29.56	29.70	27	30	21	26.0	N'ly 2	N. W. 1	N. W. 1	10	2	2	59.7		28th. Began to snow very gently from 10 to 11 A. M., and continued through the afternoon and evening
30	29.58	29.52	29.75	23	42	28	31.0	S. W. 1	S. W. 2	W'ly 3	10	2	0	55.1		
Means	29.72	29.68	29.72	34.3	41.7	35.7	...	1.7	2.1	1.5	5.8	5.8	4.2	60.0	2.40	29th. Between five and six inches of damp snow on the ground this morning.
									1.8			5.3				30th. Dusting of snow from 8 to 9 A. M. Pleasant in the afternoon and evening.
REDUCED TO SEA LEVEL.																
Max.	30.35	30.32	30.34	48	63	50	53.7									
Min.	29.60	29.40	29.52	21	30	21	26.0									
Mean	29.90	29.86	29.90													
Range	0.75	0.92	0.82	27	33	29	27.7									
Mean of month			29.887	...	...	...	37.2									
Extreme range			0.95	...	...	...	42.0									

Prevailing winds from some point between—	Days.
N. & E.	8
E. & S.	0
S. & W.	4
W. & N.	18

	Days.
Clear	9
Variable, Cloudy	10
Rain or snow fell on	11

December, 1858. New Moon, 5d. 5h. 2m. A. M.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 1 P. M.	At 10 P. M.	Relative Humidity.	Rain and Snow in Inches of Water.	REMARKS.
1	30.07	30.23	30.31	18	24	18	20.0	N. W. 1	N. W. 2	N. W. 1	0	0	2	30.9		1st. Clear and cold.
2	30.22	30.04	29.97	21	34	39	31.3	W'ly 1	S. W. 2	S. W. 1	10	Rain	10	79.0	0.10	2d. Began to rain very moderately from 1 to 2 P. M.
3	29.91	29.82	29.84	33	49	38	40.0	S. W. 1	S. W. 1	S. W. 1	2	7	0	62.9		3d. Pleasant.
4	30.06	30.01	29.96	33	30	34	33.3	N. E. 1	N. E. 2	N. E. 2	10	Hail	Rain	79.6	0.30	4th. Fine hail began to fall from noon to 1 P. M., which turned to rain before night. light rain in the evening.
S 5	29.94	29.76	29.64	31	37	35	34.3	N. E. 2	N. E. 1	N. E. 1	Misty	Rain	Misty	79.3		5th. Mist and light rain all day.
6	29.83	29.89	30.09	37	48	33	40.3	S. W. 1	N. W. 1	N. W. 1	0	0	0	46.7		6th. Very fine.
7	30.12	30.04	29.82	29	40	39	36.0	N. E. 2	N. E. 1	E'ly 1	5	10	Rain	68.9		7th. Cloudy. Sprinkling of rain in the evening.
8	29.67	29.64	29.78	38	44	33	38.3	N'ly 1	N. W. 2	N. W. 1	Rain	Rain	0	70.5	0.45	8th. Light rain in the morning. Evening clear.
9	29.95	30.01	30.19	25	27	21	24.3	N. W. 2	N. W. 4	N. W. 1	0	0	0	74.9		9th. Cold and blustering. Evening still and very clear.
10	30.25	30.21	30.05	17	29	27	24.3	N. W. 1	N. W. 2	S. W. 2	0	2	3	57.2		10th. Very fine.
11	29.98	29.93	30.03	27	40	34	33.7	S. W. 1	S. W. 2	W'ly 1	5	10	0	46.2		11th. Pleasant.
S 12	29.95	30.29	30.39	22	31	25	26.0	N. W. 1	N. W. 2	N. E. 2	2	0	10	36.0		12th. Air raw in the afternoon.
13	30.33	30.03	29.84	31	39	39	36.3	E'ly 1	S. E. 2	S. E'ly 2	10	Misty	Rain	78.0	} 0.35	13th. Mist in the morning. Light rain in the evening.
14	29.80	29.69	29.49	38	47	56	47.0	S'ly 1	S. W'ly 1	S. W. 2	Foggy	10	Foggy	84.7		14th. Mist and occasional light rain.
15	29.43	29.45	29.59	57	58	50	55.0	S. W. 1	S. W. 3	S. W. 1	Misty	10	10	79.3		15th. Mist and occasional light rain. In the evening, clouds broken.
16	29.88	29.90	29.94	35	42	32	36.3	N. W. 1	N. W. 1	N. W. 1	0	0	0	41.4		16th and 17th. Very fine.
17	29.89	29.90	30.04	28	43	28	33.0	N. W. 1	N. W. 1	N. W. 2	0	10	5	51.0		18th. Very cold, with scattering snow-flakes in the air.
18	30.08	30.12	30.27	16	19	14	16.3	N. W. 2	N. W. 2	N. W. 2	10	10	5	46.8		19th. Morning cold. Milder in the afternoon; wind light E'ly.
S 19	30.27	30.19	29.97	14	25	29	22.7	N. W. 1	E'ly 2	S. E'ly 1	10	7	8	61.8		20th. The ground white with snow in the morning; air mild and pleasant.
20	29.74	29.76	29.80	37	44	35	38.7	W'ly 2	N. W. 2	N. W. 1	10	0	10	66.3		21st. Light rain in the morning, which increased during the afternoon and evening.
21	29.67	29.42	29.03	35	39	41	38.3	E'ly 2	N. E. 2	N. E. 1	Misty	Rain	Rain	84.4	1.00	22d. Very blustering.
22	29.04	29.37	29.69	35	39	29	34.3	N. W. 1	N. W. 4	N. W. 3	10	3	0	56.5		23d. Pleasant in the morning. Cloudy in the afternoon. Sprinkling of snow in the evening.
23	29.74	29.68	29.65	28	38	33	33.0	N. W. 1	S. W. 2	S. W. 1	0	10	Snow	60.6		24th. Ground covered with snow, nearly two inches deep, this morning. Evening cold.
24	29.77	29.93	30.16	26	28	16	23.3	N. W. 1	N. W. 2	N. W. 1	10	3	0	30.7		25th. Fine. Evening very clear.
25	30.38	30.40	30.45	12	27	15	18.0	N. W. 1	N. W. 1	N. W. 1	0	0	0	37.1		26th and 27th. Pleasant.
S 26	30.32	30.19	30.03	16	35	34	28.3	S. W. 1	S. W. 1	S. W. 1	0	8	10	73.7		28th. Fine.
27	29.75	29.63	29.70	37	44	37	39.3	S. W. 1	N. W. 2	N. W. 2	10	2	0	55.0		29th. Pleasant.
28	29.71	29.68	29.80	31	35	25	30.3	N. W. 2	N. W. 3	N. W. 3	0	0	0	33.7		30th. Cold and raw. Air full of snow all day.
29	29.85	29.83	29.95	20	33	27	26.7	N. W. 1	N. W. 1	N. E. 1	0	3	10	24.4		31st. Snow in the morning, which soon turned to rain, and continued through the day.
30	30.04	30.16	30.20	20	23	19	20.7	N. E. 2	N. E. 3	N. E. 2	10	Snow	10	60.9		
31	30.09	29.82	29.58	31	37	42	36.7	E'ly 1	S. E. 2	S. E. 1	Snow	Rain	Rain	80.6	1.25	
Means	29.93	29.90	29.91	28.3	36.4	31.5	...	1.2	1.9	1.4	5.6	6.0	5.6	59.3	3.45	
									1.5			5.7				
REDUCED TO SEA LEVEL.																
Max.	30.56	30.58	30.63	57	58	56	55.0									
Min.	29.22	29.55	29.21	12	19	14	16.3									
Mean	30.11	30.08	30.09													
Range	1.34	1.03	1.42	45	39	42	38.7									
Mean of month			30.093	...	...	...	32.1									
Extreme range			1.42	...	...	...	46.0									

Prevailing winds from some point between—	Days.
N. & E.	5
E. & S.	3
S. & W.	7
W. & N.	16

	Days.
Clear	7
Variable / Cloudy	10
Rain or snow fell on	14

January, 1859. New Moon, 4d. 0h. 18m. A. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.			
1	29.59	29.52	29.74	39	41	35	38.3	N. W. 1	N. W. 1	N. W. 2	Rain	7	0	76.2		1st. Clear and cold.
S 2	30.12	30.12	30.26	29	35	25	29.7	N. W. 1	N. W. 2	N. E. 1	0	0	0	28.5		2d. Began to rain gently from 1 to 2 P. M.
3	30.27	30.18	30.07	22	31	25	26.0	N. E. 1	N. E. 2	N.E. 3	10	10	10	55.3		3d. Pleasant.
4	29.74	29.35	29.59	23	23	29	25.0	N. E. 4	N. E. 4	N. W. 2	Snow	Snow	0	66.1	1.50	4th. Very severe snow-storm this morning, wind blowing heavily from N. E. The storm continued till about 3 P. M., when the barometer began to rise. Clear at 7 P. M.; wind N. E. Snow from twelve to fifteen inches deep, much drifted.
5	29.84	29.86	29.95	28	39	33	33.3	N. W. 1	S. W. 2	S. W. 2	0	0	3	54.8		5th. Very fine.
6	30.03	30.02	29.97	28	41	36	35.0	S. W. 1	S. W. 2	S. W. 1	1	0	10	63.3		6th. Mild and pleasant.
7	29.65	29.40	29.09	41	45	49	45.0	S. W. 1	S. W. 1	S. W. 3	Rain	Rain	10	84.0	0.50	7th. Moderate rain and fog all day. At 10 P. M., blustering and warm; rain ceased.
8	29.46	29.68	29.84	24	24	14	20.7	W'ly 3	W.byN 3	N. W. 1	0	0	0	36.1		8th. Flurry of snow last night. Air cold.
S 9	29.94	29.92	30.04	10	19	12	13.7	N. W. 1	N. W. 1	N. W. 1	2	1	0	32.2		9th. Cold.
10	30.11	30.21	30.29	—2	—1	—9	—4.0	N. W. 2	N. W. 2	N. W. 2	10	10	0	...		10th. Extremely cold. At 10 P. M., 19° colder than any previous night this winter.
11	30.34	30.08	29.90	-11	4	—1	—2.7	N. W. 1	N. W. 1	N. E. 1	3	10	5	46.7		11th. Excessively cold this morning; 11° below zero by the Smithsonian thermometer, and 14° below by a standard thermometer which I have used for about fifteen years. The coldest morning since Jan. 23, 1857, when the standard thermometer, in the same place, stood at the same point—14° below zero. We have no record in this place of a greater degree of cold than this. Snow began to fall at 1 P. M. Mostly clear at 10 P. M.
12	29.96	29.94	29.95	—1	13	14	8.7	N. W. 2	N. E'ly 1	N. E. 1	10	Snow	10	65.5	} 0.55	12th. Two inches of light snow on the ground this morning. Dusting of snow in the afternoon. Weather much moderated.
13	29.86	29.79	29.87	15	27	27	23.0	N. W. 1	N. E'ly 1	N. E'ly 1	10	7	6	77.7		13th. Mild and pleasant.
14	29.84	29.73	29.51	30	37	36	34.3	N. E. 1	N. E. 1	N. E. 1	10	Rain	Rain	86.5		14th. Began to sprinkle from 12 to 1 P. M. rain continued in afternoon and evening.
15	29.39	29.25	29.31	35	36	35	35.3	N. E. 1	N. E. 1	W'ly 1	10	Misty	1	83.7		15th. Fog and mist. Evening mostly clear and mild.
S 16	29.51	...	29.89	34	37	31	34.0	N. W. 2	N. W. 3	N. W. 1	7	2	0	55.2		16th. Very fine.
17	29.80	29.78	29.81	35	42	37	38.0	S. W. 1	S. W. 1	S. W. 1	10	10	10	65.5		17th. Mild and mostly cloudy.
18	30.12	30.19	30.15	19	25	24	22.7	N. W. 2	N. W. 2	N. W. 1	5	0	7	39.2	0.10	18th. Very fine. From one to two inches of fresh snow last night.
19	30.12	30.11	30.16	28	36	27	30.3	S. W. 1	S. W.	W'ly 1	8	0	0	53.1		19th. Fine. Evening splendid.
20	30.16	30.04	29.98	27	47	46	40.0	S'ly 1	S. W. 1	S. W. 2	Foggy	0	2	69.1		20th. Very fine.
21	29,80	29.67	...	51	54	...	...	S'ly 2	S. W'ly 3	...	Misty	Rain	...	79.6		21st. Cloudy in the morning. Rain in the afternoon and evening.
22	...	29.79	29.95	...	39	30	...	...	S. W'ly 1	N. W. 2	...	10	5	89.6		22d. Cloudy through day. Evening clear.
S 23	30.24	30.22	30.36	16	20	16	18.7	N. W. 1	N. W. 2	N'ly 1	0	0	0	42.7		23d and 24th. Clear and cold.
24	30.51	...	30.43	16	...	23	...	N. W. 1	...	N'ly 1	0	...	0	54.8		25th and 26th. Pleasant and mild.
25	30.34	30.25	30.14	30	39	32	33.7	S. W. 1	S'ly 1	S. W'ly 1	0	1	2	55.2		27th. Pleasant. Cloudy in the evening.
26	...	30.03	30.20	...	42	32	...	...	N. W. 2	N. W. 1	...	0	0	71.2		28th. Dusting of snow last night, followed by rain, which continued heavily till 3 P. M.
27	30.29	30.21	30.19	24	45	35	34.7	S. W. 1	S. 1	E. 2	1	2	10	52.8		29th. Misty and drizzling. The ground covered with wet ice, and very slippery.
28	29.95	29.76	29.88	37	38	32	35.7	S. E. 1	N. 3	N. E. 2	Rain	Rain	10	82.9		30th and 31st. Pleasant.
29	29.86	29.72	29.78	33	34	34	33.7	N. E. 2	N. E. 2	N. 1	Misty	Misty	Misty	82.1	3.10	
S 30	29.90	29.90	30.06	31	36	28	31.7	N. W. 2	N. W. 2	N. 2	0	2	0	53.2		
31	30.13	30.10	...	22	31	...	...	N. W. 1	N. W. 2	N. W. 2	2	2	1	46.4		
Means	29.96	29.89	29.94	28.0	32.6	27.2	...	1.4	1.7	1.5	5.7	4.9	4.0	59.7	5.75	
									1.5			4.9				
REDUCED TO SEA LEVEL.																
Max.	30.69	30.43	30.61	51	54	49	45.0									
Min.	29.57	29.43	29.27	—11	—1	—9	—4.0									
Mean	30.14	30.07	30.12													
Range	1.12	1.00	1.34	62	55	58	49.0									
Mean of month			30.110	...	...	...	33.1									
Extreme range			1.42	...	...	...	65.0									

Prevailing winds from some point between—	Days.
N. & E.	8
E. & S.	0
S. & W.	10
W. & N.	13

	Days.
Clear	10
Variable / Cloudy	11
Rain or snow fell on	10

February, 1859. New Moon, 2d. 7h. 56m. P. M.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 1 P. M.	At 10 P. M.	Relative Humidity.	Rain and Snow in Inches of Water.	REMARKS.
1	30.04	30.09	...	22	37	...	...	W. 1	N. W. 2	N. W. 2	4	3	...	61.7		1st. Pleasant.
2	29.90	29.81	29.78	28	34	30	30.7	N'ly 1	N. E'ly 2	N. E. 2	6	10	Snow	78.7		2d. Cloudy, with a raw wind.
3	29.63	29.50	29.27	34	27	22	27.7	N. E. 3	N. E'ly 3	N. E'ly 2	Misty	Hail	10	76.5	0.15	3d. Rain in the morning. Cloudy in the afternoon.
4	29.50	29.62	29.72	29	38	34	33.7	W'ly 2	W. 3	E'ly 1	0	0	Snow	65.1		4th. Clear and pleasant. Cloudy in the evening.
5	30.00	30.06	30.18	29	34	21	28.0	N. W. 1	W'ly 1	N. W. 1	0	0	0	65.5		5th. Very pleasant.
S 6	30.16	29.93	29.78	25	38	31	31.3	N. W. 1	E'ly 1	N. E. 1	8	10	Snow	68.8	0.40	6th. Cloudy. Snow in the evening.
7	29.95	30.02	...	29	32	...	...	N. W. 1	N. E. 1	...	6	10	...	78.5		7th. Pleasant.
8	30.20	30.08	30.00	24	34	32	30.0	S. E'ly 1	E'ly 1	S'ly 1	10	10	10	...		8th. Cloudy and mild.
9	29.67	29.40	29.13	36	38	38	37.3	N'ly 1	N. E. 1	N. E. 3	Foggy	Rain	Rain	60.6		9th. Fog and moderate rain.
10	29.32	29.61	29.93	34	26	15	25.0	N'ly 3	N'ly 2	N. W. 1	10	0	3	74.6		10th. Clear and pleasant.
11	30.17	30.18	...	15	21	...	...	N. W. 1	W'ly 1	...	6	3	...	27.1		11th. Pleasant.
12	30.02	29.96	29.95	22	24	23	23.0	N. E. 1	N. E. 1	N'ly 1	10	10	10	59.8		12th. Cloudy, with snow at intervals.
S 13	30.00	29.98	29.95	14	23	16	17.7	N. W. 1	N. W. 1	N. W. 1	0	0	0	34.6		13th. Very fine.
14	29.86	29.87	29.91	20	33	23	25.3	N. W. 2	W'ly 1	S. W'ly	6	0	6	61.8		14th. Pleasant.
15	29.86	29.74	29.65	33	42	39	38.0	S'ly 1	S. W'ly 2	S'ly 1	10	10	10	71.9		15th. Cloudy. Light rain in afternoon.
16	29.60	29.63	29.88	38	45	37	40.0	S. W. 1	S. W'ly 1	W'ly 1	Foggy	6	0	71.8		16th. Cloudy in the morning. Pleasant in the afternoon.
17	30.12	30.14	30.23	33	44	36	37.7	N. W. 1	S'ly 1	S'ly 1	0	10	10	45.0		17th. Mild and pleasant.
18	30.04	29.90	29.87	33	34	34	33.7	S'ly 2	S'ly 1	N. W'ly 1	Snow	Rain	10	39.4	0.20	18th. Light snow and rain in the morning. Clouds broken in the evening.
19	29.89	30.00	29.81	34	35	36	35.0	S'ly 1	S. E'ly 1	S'ly 1	Foggy	10	Rain	88.4	0.10	19th. Mist in the afternoon. Light rain in the evening.
S 20	29.41	29.17	29.18	43	47	44	44.7	W'ly 1	S. W'ly 1	W'ly 1	10	Foggy	2	76.6	0.25	20th. Clouds and fog in morning. Light rain in afternoon. Evening mostly clear.
21	29.31	29.36	29.63	33	36	27	32.0	W'ly 4	N. W. 4	N. W. 3	3	3	0	38.1		21st. Extremely blustering all day.
22	29.77	29.79	29.85	28	42	36	35.3	W. by N.	N. W. 2	W'ly 1	0	0	10	19.9		22d. Very fine. Aurora at 8 P. M. Overcast at 10 P. M.
23	29.78	29.69	29.69	36	51	37	41.3	S'ly 1	S. W. 1	S'ly 1	8	2	1	53.0		23d. Pleasant and very mild.
24	29.54	29.50	29.91	36	41	27	34.7	N. E'ly 2	N. W. 2	N. W. 3	Foggy	7	0	70.2	0.10	24th. Light rain with snow in the morning. Evening clear and blustering.
25	30.03	30.04	30.06	20	28	23	23.7	N. W. 2	N. E. 1	N. E. 2	7	10	10	46.1		25th. Raw and cold.
26	29.96	29.75	29.71	28	29	18	25.0	N. E. 2	N. E. 3	N. W. 2	10	Snow	0	67.4	0.65	26th. Snow began to fall from 9 to 10 A. M., and continued till night. Mostly clear at 10 P. M. From four to five inches of snow.
S 27	29.84	29.80	29.68	20	43	40	34.3	S. W'ly 1	S'ly 1	S. W. 2	0	0	2	56.5		27th. Very fine.
28	29.35	29.54	29.74	40	45	34	39.7	W'ly 2	N. W. 3	N. W. 2	10	0	0	41.5		28th. Fine.
Means	29.82	29.79	29.78	29.1	35.7	30.1	...	1.5	1.6	1.5	6.6	5.9	5.8	59.2	1.85	
								1.5			6.1					
REDUCED TO SEA LEVEL.																
Max.	30.38	30.36	30.41	43	51	44	44.7									
Min.	29.49	29.35	29.31	14	21	15	17.7									
Mean	30.00	29.97	29.96													
Range	0.89	1.01	1.10	29	30	29	27.0									

Prevailing winds from some point between—	Days.
N. & E.	9
E. & S.	0
S. & W.	9
W. & N.	10

	Days.
Clear	6
Variable / Cloudy	12
Rain or snow fell on	10

Mean of month	29.977	...	...	...	24.5
Extreme range	1.10	...	...	...	37.0

March, 1859. New Moon, 4d. 2h. 2m. P. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.			
1	29.84	29.93	30.07	27	25	18	23.3	N. W. 1	N. W. 3	N. W. 2	0	1	0	43.7		1st and 2d. Fine, but cold.
2	30.28	30.24	30.30	13	25	19	19.0	N. W. 2	N. W. 2	N. W. 1	0	0	0	54.1		3d. Wind S'ly, cold and raw. Began to snow at 7 P. M.
3	30.24	30.11	29.80	13	33	30	25.3	N'ly 1	S. W. 2	E'ly 2	2	10	Snow	50.5	1.20	4th. Rain and mist at sunrise. Cloudy in the morning. Pleasant in the afternoon. From six to seven inches of very damp snow on the ground this morning.
4	29.29	29.15	29.30	39	42	35	38.7	S. E. 2	N. W. 1	N. W. 1	Rain	10	3	77.9		
5	29.25	29.33	29.61	39	46	38	41.0	S. W. 1	N. W. 3	N. W. 1	10	8	3	51.3		
S 6	29.74	29.82	29.98	38	49	37	41.3	N. W. 1	N. W. 2	N. W. 1	0	0	0	52.4		5th. Fine.
7	29.98	29.85	29.68	31	47	39	39.0	N. W. 1	S. W. 1	S. W. 1	0	1	Sprin'le	63.6		6th. Very fine.
8	29.34	29.18	29.24	39	39	30	36.0	E'ly 3	N. E. 3	N. E. 4	Rain	Misty	Misty	83.2	0.10	7th. Pleasant through the day. Sprinkling of rain at 10 P. M.
9	29.45	29.59	29.80	34	41	32	35.7	N. W. 2	N. W. 2	N. W. 2	10	0	0	42.5		8th. Cold and misty, with some rain.
10	29.94	29.98	30.01	32	48	36	38.7	N. W. 2	N. W. 1	N. W. 1	0	0	5	67.0		9th. The ground covered with fresh snow this morning, which melted during the day. Evening splendid.
11	30.09	30.09	30.06	33	43	41	39.0	W'ly 1	S. E'ly 2	S'ly 2	0	10	7	70.7		
12	29.91	29.78	29.81	44	46	44	44.7	S. W'ly 1	S. E'ly 2	S'ly 1	10	Rain	Foggy	88.5	1.10	10th. Very fine.
S 13	29.95	29.92	30.00	40	60	48	49.3	W'ly 1	S. W'ly 1	S. W. 1	1	2	0	44.3		11th. Pleasant.
14	30.12	30.12	30.03	34	50	41	41.7	N. E. 1	S'ly 2	S'ly 1	0	7	10	57.4		12th. Began to rain at 10 A. M. Rain continued till 4 P. M. Evening foggy.
15	29.65	29.41	29.39	48	51	45	48.0	S. W. 5	S'ly 2	W'ly 3	Rain	Rain	10	82.7	2.50	13th. Very fine. The warmest day since November 1, 1858.
16	29.61	29.75	30.02	40	45	37	40.7	N. W. 3	N. W. 3	N. W. 1	9	2	0	42.7		14th. Pleasant in the morning. Rain towards night.
17	30.08	30.01	29.99	34	59	45	46.0	N. W. 1	S'ly 1	S'ly 1	0	8	10	55.3		
18	29.78	29.48	29.17	44	52	52	49.3	S'ly 2	S. E. 4	S. E. 4	10	Rain	Rain	83.2	1.40	15th. Steady rain all day. Barometer began to rise at 8 P. M. Evening cloudy, with rain.
19	28.99	29.01	29.16	46	48	45	46.3	S. W. 4	S. W. 5	S. W. 3	1	5	8	57.4		
S 20	29.40	29.41	29.60	35	44	37	38.7	N. W. 3	N. W. 4	N. W. 3	10	3	7	34.4		16th. Fine. Evening splendid.
21	29.77	29.79	29.86	32	54	43	43.0	N. W. 1	N. W. 1	W'ly 1	0	0	10	21.0		17th. Pleasant. Indications of storm in the evening.
22	29.91	29.79	29.67	37	50	42	43.0	N. E. 1	S'ly 1	E'ly 1	9	10	Rain	45.5	0.50	18th. Began to rain at 8 A. M.; wind brisk S. E. Rain continued through the day and evening, with wind heavy.
23	29.60	29.69	29.77	39	44	36	39.7	N. E. 2	N'ly 2	N. W. 1	Misty	10	0	72.8		
24	29.81	29.77	29.63	34	50	42	42.0	N. W. 1	S. W. 2	S. E'ly 2	0	10	Rain	55.3		19th. Extremely blustering all day.
25	29.46	29.36	29.47	42	41	39	40.7	E'ly 1	N. E. 2	N'ly 2	Rain	Rain	10	86.8	1.00	20th. Weather continues very blustering and uncomfortable.
26	29.40	29.35	29.40	34	46	36	38.7	N'ly 1	N'ly 2	N. W. 1	10	10	5	72.3		21st. Very fine.
S 27	29.54	29.54	29.60	31	48	43	40.7	N. W. 2	N. W. 2	S'ly 2	0	9	10	56.4		22d. Pleasant in the morning. Began to rain at 7 P. M.
28	29.65	29.64	29.63	41	60	42	47.7	S'ly 1	S. E'ly 2	N. E. 1	10	2	Foggy	65.1		23d. Cloudy in the morning. Evening clear.
29	29.49	29.16	29.08	43	54	53	50.0	N. E. 1	S. E. 3	N'ly 3	Foggy	Rain	0	78.6	0.20	24th. Pleasant in the morning. Began to rain at 5 P. M.
30	29.40	29.39	29.52	42	57	41	46.7	W'ly 2	W'ly 2	N. W. 1	3	0	0	42.9		25th. Rainy day.
31	29.64	29.60	29.67	38	52	39	43.0	N. W. 2	N. W'ly 3	N. W. 5	0	0	0	28.3		26th. Cloudy, with occasional rain.
Means	29.70	29.65	29.69	36.1	46.7	38.9	...	1.7	2.2	1.8	5.0	5.7	5.7	59.0	8.00	27th. Pleasant in the morning. Raw in the afternoon. Evening cloudy.
								1.9			5.5					28th. Pleasant. Evening foggy.
REDUCED TO SEA LEVEL.																29th. Mist and fog in the morning. Rain in the afternoon. Cleared from 9 to 10 P. M.
Max.	30.46	30.42	30.48	48	60	53	50.0									30th. Pleasant.
Min.	29.17	29.19	29.26	13	25	18	19.0									31st. Blustering. Heavy squall from 5 to 6 P. M., with dashes of rain. Very high wind in the evening.
Mean	29.88	29.83	29.87													
Range	1.29	1.23	1.22	35	35	35	31.0									

Prevailing winds from some point between—	Days.
N. & E.	3
E. & S.	6
S. & W.	8
W. & N.	14

	Days.
Clear	7
Variable / Cloudy	11
Rain or snow fell on	13

Mean of month	29.860	...	...	...	32.8
Extreme range	1.31	...	...	...	47.0

April, 1859. New Moon, 3d. 5h. 9m. A. M.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 1 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 1 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 1 P. M.	At 10 P. M.	Relative Humidity.	Rain and Snow in Inches of Water	REMARKS.
1	29.79	29.74	29.84	32	48	38	39.3	N. W. 4	N. W. 5	N. W. 2	0	0	0	41.6		1st. Cold, and extremely blustering.
2	29.85	29.76	29.81	32	54	44	43.3	N. W. 1	N'ly 2	E'ly	0	0	10	39.2		2d. Pleasant.
S 3	29.63	29.45	29.37	43	42	41	42.0	E'ly 1	S. E. 1	S. E. 1	10	Rain	10	71.1		3d. Drizzling rain all day.
4	29.31	29.22	29.41	39	47	33	39.7	N. W. 1	N. W. 3	N. W. 4	9	10	0	35.3		4th. Blustering.
5	29.42	29.34	29.42	30	41	33	34.7	N. W. 2	N. W. 4	N. W. 2	0	3	0	31.2		5th. Blustering and cold.
6	29.49	29.51	29.60	30	43	38	37.0	N. W. 1	N. W. 4	N. W. 2	0	7	0	31.0		6th. Very blustering. Snow-squall between 1 and 2 P. M. Evening clear.
7	29.64	29.54	29.61	33	52	43	42.7	W by N. 1	N. W. 3	N. W. 1	0	1	10	28.3		7th. Blustering, but milder.
8	29.63	29.61	29.70	40	50	40	43.3	N. W. 1	N. W. 2	N. W. 2	0	9	7	36.2		8th. Pleasant.
9	29.90	29.87	30.03	31	42	32	35.0	N. W. 2	N. W. 3	N. W. 1	0	0	0	29.4		9th. Very blustering and cold.
S 10	30.04	29.96	29.94	29	45	37	37.0	N. W. 1	S. W. 2	S. W'ly 1	0	0	0	52.7		10th. Pleasant.
11	29.80	29.63	29.63	40	35	38	37.7	S. E. 1	E'ly 3	S. W'ly 3	10	Rain	Misty	74.5	0.53	11th. Cold rain, beginning at 7 A. M., mingled with hail.
12	29.73	29.75	29.81	38	49	43	43.3	N. W. 2	N'ly 1	S. W'ly 1	10	9	5	83.4		12th. Cloudy in the morning. Partially clear in the afternoon.
13	29.80	29.77	29.89	45	60	40	48.3	S. E'ly 1	S. W. 2	E'ly 2	10	1	Foggy	70.6		13th. Pleasant. Towards night, the wind rather fresh from S. E'ly, while the upper clouds came from N. W'ly. At 10 P. M., thick fog.
14	29.92	29.81	29.53	40	40	38	39.3	N. E. 3	S. E'ly 3	N. E. 3	10	Rain	Rain	85.5	0.45	14th. Cold and rainy.
15	29.52	29.49	29.47	37	53	43	44.3	N'ly 2	S'ly 1	S. E'ly	10	1	9	63.1		15th. Pleasant. From 3 to 9 P. M., wind rather fresh S. E., while the upper clouds came from W. by N. At 10 P. M., the lower clouds nearly covered the heavens.
16	29.43	29.38	29.60	44	43	39	42.0	S'ly	N'ly 1	N. W. 1	10	10	0	77.0		16th. Cloudy in the morning. Dashes of rain from noon to 1 P. M., from N. E. Evening clear.
S 17	29.63	29.61	29.69	38	55	46	46.3	N. W. 3	S'ly 2	N'ly 1	0	5	10	40.4		17th. At 1 P. M., wind S'ly, with heavy cumulus clouds from N.W. Evening cloudy.
18	29.70	29.70	29.73	38	50	41	43.0	N'ly 1	N. E. 2	N. W. 1	3	10	0	38.0		18th. Cloudy through the day; wind N. E. Evening clear, with wind light at N. W.
19	29.72	29.60	29.60	39	59	46	48.0	N. W. 1	N. W. 2	N. W. 1	0	0	0	29.2		19th. Very fine. Evening splendid.
20	29.59	29.53	29.61	43	59	46	49.3	N. W. 1	N. W. 3	N. W. 1	0	0	5	21.7		20th. Very fine. Evening hazy.
21	29.63	29.57	29.62	42	66	52	53.3	N. W. 1	N. W. 1	S. W. 1	0	0	10	33.1		21st. Pleasant. Air warm and summer-like.
22	29.63	29.62	29.46	48	52	42	47.3	N. E. 2	N. E. 2	N. E. 4	10	Rain	Rain	48.7	1.05	22d. Began to rain moderately between 1 and 2 P. M. Rain heavy in the evening.
23	29.22	29.01	28.98	42	55	45	47.3	N. E. 2	S. E. 2	S. W. 4	Rain	10	10	80.1		23d. Rain in showers through the day.
S 24	29.13	29.33	29.64	42	53	46	47.0	W. by S. 1	N. W. 4	N. W. 1	5	2	0	48.3		24th. Blustering.
25	29.75	29.79	29.80	41	65	49	51.7	N. W. 1	W. by S 2	S. W. 1	0	10	10	61.5		25th. Warm for the season. Wind S'ly in the afternoon, with clouds from the W.
26	29.72	29.68	29.56	48	59	47	51.3	N'ly 1	N'ly 1	S'ly 2	10	10	Sprin'le	75.2	0.25	26th. Cloudy, but mild.
27	29.58	29.71	29.77	44	56	45	48.3	N. E. 1	S. E'ly 1	N. E. 1	Rain	8	2	63.3		27th. Light rain in the morning. Evening mostly clear.
28	30.00	29.98	29.99	41	51	39	43.7	N. E. 1	N. E. 2	N. E. 1	9	9	2	36.2		28th. Very cold for the season.
29	29.94	...	29.75	39	53	42	44.7	N. E. 2	N. E. 2	N. E. 1	1	5	0	39.7		29th. Pleasant, but cold. Brilliant aurora in the evening. Streamers of great beauty, extending nearly to the zenith. At times, the streamers assumed a pinkish color; and at times the whole northern heavens presented a reddish-pink hue.
30	29.69	29.67	29.83	44	69	52	55.0	N. E. 1	N. E. 1	N'ly 1	0	0	0	29.4		30th. Very fine.
Means	29.66	29.61	29.66	39.1	51.5	41.9	...	1.4	2.2	1.6	4.6	5.3	5.0	49.2	2.28	
									1.7			5.0				
REDUCED TO SEA LEVEL.																
Max.	30.22	30.16	30.21	48	69	52	55.0									
Min.	29.31	29.19	29.16	29	35	32	34.7									
Mean	29.84	29.79	29.84													
Range	0.91	0.97	1.05	19	34	20	20.3									
Mean of month	29.823			...	...	...	44.2									
Extreme range	1.06			...	...	...	40.0									

Prevailing winds from some point between— Days.

	Days.
N. & E.	7
E. & S.	5
S. & W.	4
W. & N.	14

	Days.
Clear	8
Variable, Cloudy	14
Rain fell on	8

May, 1859. New Moon, 2d. 4h. 56m. P. M.

	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P M.	At 10 P M.			
S 1	29.91	29.99	30.00	55	61	46	54.0	N. W. 1	N. W. 1	N. W. 1	0	0	0	65.6		1st to 4th. Very fine.
2	29.95	29.85	30.00	47	69	54	56.7	S. W.	W'ly 1	E'ly 1	0	0	0	69.7		5th and 6th. Pleasant.
3	30.04	30.17	30.19	49	62	46	52.3	N. E. 1	E'ly 2	N. W. 1	0	0	0	70.9		7th. Very warm.
4	30.20	30.15	30.17	51	61	49	53.7	S. W. 1	S'ly 2	S'ly 2	0	0	0	74.6		8th. Warm and hazy.
5	30.16	...	...	54	...	...	...	S. W. 1	...	...	0	...	...	76.7		9th. Cloudy for the most part. Appearance of storm in the evening.
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...		10th. Moderate rain all day.
7	...	...	29.72	...	72	56	...	...	...	...	...	...	...	...		11th. Cold rain.
S 8	29.66	29.60	29.55	57	68	65	63.3	S. E. 1	S. E. 2	S. E'ly 1	2	2	2	67.4		12th. Light rain and mist. Cold and raw.
9	29.50	29.53	29.68	65	67	47	59.7	S'ly 1	N. E. 3	N. E. 2	10	3	10	75.6		13th. Middle of the day clear and warm.
10	29.70	29.72	29.90	45	47	44	45.3	N. E. 3	N. E. 3	N. E. 2	Rain	Rain	Rain	91.6	1.05	14th. Cloudy for the most part, but air mild and soft. Sprinkling of rain at 1½ P. M. In the evening, wind light from N. E., while clouds came slowly from W'ly.
11	29.98	30.02	30.04	43	46	44	44.3	N. E. 3	N. E. 4	N. E. 3	Rain	Rain	10	94.1		
12	30.04	29.94	30.01	44	47	46	45.7	N. E. 4	N. E. 4	N. E. 2	Rain	Misty	10	92.7		15th. In the morning, wind brisk from N. E.; clouds from N.W. Weather pleasant, but cold.
13	30.00	29.91	29.90	48	72	58	59.3	N. E. 2	N'ly 1	S'ly 1	10	0	Foggy	86.3		16th. Fine. Evening cloudy.
14	29.85	29.94	29.99	57	62	55	58.0	N'ly 1	N. E'ly 3	N. E. 1	3	10	8	86.0		17th. Light rain in the afternoon. Foggy and calm in the evening.
S 15	30.04	30.08	30.13	52	56	43	50.3	N. E. 2	N. E. 2	N. E. 1	7	10	7	84.0		18th. Mild; air damp. Clouds and sunshine.
16	30.13	30.02	29.97	42	64	44	50.0	N. E. 1	N. E. 2	S. E. 1	0	0	10	77.3		19th. Shower from 3 to 4 A. M. Rain in the evening.
17	29.86	29.76	29.72	43	59	54	52.0	S. E. 1	S. E. 2	Calm	10	10	Foggy	89.4		20th. Light showers at intervals.
18	29.75	29.76	29.78	55	67	58	60.0	S'ly 1	S'ly 2	S'ly 1	Foggy	10	10	86.5		21st. Rainy day.
19	29.71	29.77	29.82	58	71	59	62.7	S'ly 1	S. E'ly 1	S. E'ly 1	Misty	10	Rain	89.9	2.35	22d. Light rain in the morning.
20	29.88	29.87	29.97	60	60	53	57.7	N. E. 1	N. E. 2	N. E. 1	Misty	Rain	Misty	92.3		23d and 24th. Very fine.
21	29.91	29.81	29.78	51	54	52	52.3	N. E. 2	N. E. 2	N. E. 2	Rain	Rain	Rain	94.3		25th. Cloudy, but warm.
S 22	29.60	29.56	29.69	61	60	57	59.3	S'ly 2	S'ly 3	S'ly 1	Rain	Misty	10	91.1		26th. Very warm. Evening hazy.
23	29.87	29.89	29.98	52	69	55	58.7	N. W. 1	N. W. 1	N. W. 1	0	0	0	68.5		27th. Pleasant.
24	30.04	30.06	30.11	53	74	55	60.7	W'ly 1	S. E. 2	S. E. 1	0	0	0	75.9		28th. Showery till noon. Clear at 5 P. M.
25	30.11	30.04	30.02	54	74	56	61.3	S'ly 1	N. W. 1	N. W. 1	10	10	0	74.3		29th. Very fine.
26	29.96	30.00	29.88	58	80	60	66.0	S. W. 1	S. W. 3	S. W. 1	3	0	2	74.8		30th. Dashes of rain in morning. Pleasant in afternoon. At 2 P. M., wind fresh from S. W., with clouds from N. W.
27	29.81	29.72	29.62	57	73	60	63.3	S. W. 1	S. E. 3	S'ly 1	0	0	10	82.6		31st. Pleasant through the day. Began to rain from 9 to 10 P. M.
28	29.58	29.50	29.75	64	70	57	63.7	S. W. 1	S'ly 3	W'ly 1	10	3	0	75.7		
S 29	29.83	29.77	29.82	52	71	59	60.7	W. 1	S. W. 3	S'ly 1	0	3	0	78.4		
30	29.90	29.96	30.08	60	67	53	60.0	N. W. 1	S. W. 3	S'ly 2	9	3	0	81.1		
31	30.19	30.14	30.14	53	67	53	57.7	E'ly 2	S. W. 3	S. W. 2	0	5	Rain	81.2		
Means	29.90	29.88	29.91	53.1	64.5	53.0	...	1.4	2.3	1.3	5.3	5.0	5.5	80.6	3.40	
									1.7			5.3				
REDUCED TO SEA LEVEL.																
Max.	30.38	30.35	30.37	65	80	65	66.0									
Min.	29.68	29.68	29.73	42	46	43	44.3									
Mean	30.08	30.06	30.09													
Range	0.70	0.67	0.64	23	34	22	21.7									
Mean of month	30.077			...	...	...	55.9									
Extreme range	0.70			...	...	...	38.0									

Prevailing winds from some point between— Days.

	Days.
N. & E.	11
E. & S.	6
S. & W.	10
W. & N.	3

	Days.
Clear	12
Variable, Cloudy	9
Rain fell on	10

June, 1859. New Moon, 1d. 2h. 2m. A. M., and 30d. 9h. 33m. A. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Relative Humidity.	Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 1 P. M.	At 10 P. M.	Sunrise.	At 1 P. M.	At 10 P. M.			
1	30.09	30.07	30.03	54	64	62	60.0	S. W. 2	S'ly 2	S'ly 1	10	Rain	10	78.2	0.55	1st. Showery.
2	29.98	29.89	29.91	65	79	66	70.3	S. W. 3	S. W. 4	S'ly 2	9	5	9	70.4		2d. Air warm and damp, with very fresh wind.
3	29.80	29.77	29.75	66	72	66	68.0	S. W. 3	S. W. 2	S. W. 1	10	Rain	Rain	82.7	0.62	3d. Showery, with thunder at 9 A. M. Thundershower at 7 P. M.
4	29.72	29.77	29.83	67	57	48	57.3	N. W. 2	N. E. 2	N. E. 2	Rain	Rain	Rain	81.0		4th. Light rain through the day.
S 5	29.82	29.81	30.00	46	58	47	50.3	N. W. 2	N. W. 2	N. W. 1	8	10	0	57.5		5th. Variable; cool for the season.
6	30.03	30.03	30.07	47	68	55	56.7	N. W. 2	S. W. 1	S. W. 2	5	7	0	55.2		6th. Very fine.
7	30.08	30.02	30.06	56	69	58	61.0	S. W. 2	S. E. 3	S. W. 2	0	5	0	61.8		7th. At 2 P. M., wind fresh from S. E., with heavy cumulus clouds moving slowly from N. W'ly. Evening clear.
8	29.97	29.76	29.60	55	67	62	61.3	S. W. 2	S. W. 4	S. W. 2	2	10	10	79.0		8th. Dashes of rain in the afternoon, with heavy clouds.
9	29.62	29.68	29.80	55	67	51	57.7	N. W. 3	N. W. 2	N. W. 1	1	1	0	58.3		9th. Very fine. Evening splendid.
10	29.81	29.69	29.82	53	75	53	60.3	N. W. 1	S. W. 5	S. W. 2	0	1	Rain	58.4	0.25	10th. Pleasant in the morning. At mid-day, wind very strong from S. W. Moderate rain from 6 to 10 P. M.; wind abated.
11	29.92	29.99	30.08	46	60	49	51.7	N. W. 2	N. W. 3	N. W. 1	0	...	0	52.1		11th. Very fine; ther. at 5 A. M., 44°. Appearances of frost in low places in vicinity.
S 12	30.17	30.10	30.14	47	57	54	53.7	N. W. 1	S'ly 3	S. W'ly 2	0	...	0	52.0		12th. At 1 P. M., wind fresh from S'ly, clouds at the same time moving slowly from N. W.; evening clear.
13	30.06	29.98	29.90	55	66	64	61.7	S. W. 2	S. W. 3	S. W. 1	5	10	9	77.1		13th. Variable; dashes of rain P. M.
14	29.87	29.86	29.87	65	81	65	70.3	S. W. 1	W'ly 2	S'ly 1	10	5	10	77.1		14th. Very warm and sultry.
15	29.69	29.71	29.65	65	85	69	73.0	S. W. 1	S'ly 3	S. W. 3	Foggy	3	1	65.9		15th. Very warm.
16	29.60	29.59	29.65	70	74	67	70.3	S. W. 3	S. W. 2	S. W. 1	10	Sprin'le	Rain	79.9	4.55	16th. Cloudy, with showers.
17	29.67	29.64	29.41	65	65	60	63.3	N'ly 1	N. E. 2	N. E. 1	9	Rain	Rain	88.7		17th. Began to rain at 10 A. M., and continued; from 5 to 10 P. M., incessant and very heavy. The quantity during the day was about four inches, which is more than has fallen in any single day since July 13, 1834. On the night of that day, occurred the most extraordinary rain of which I have any record. It was believed at the time that the quantity was from seven to eight inches. A gauge holding six inches was filled to overflowing.
18	29.41	29.55	29.74	60	73	59	64.0	N'ly 1	W'ly 2	N. W. 1	1	8	0	74.2	0.10	18th. Pleasant in morning. Light showers at 2 P. M., and from 7 to 8 P. M. Very clear at 10 P. M.
S 19	29.80	29.80	29.83	57	75	62	64.7	N. W. 1	N. W. 2	S. W. 2	0	3	Hazy	57.9		19th. Very fine.
20	29.79	29.75	29.69	61	65	60	62.0	S. W. 1	S. W. 3	S. W. 1	10	9	Foggy	75.5	0.05	20th. Light rain at intervals through day.
21	29.58	29.53	29.56	62	68	58	62.7	S. W. 1	S. W. 1	N. E. 1	10	Sprin'le	Misty	84.7	0.05	21st. Misty, and occasional sprinkling.
22	29.57	29.60	29.76	57	70	62	63.0	N. E. 1	S'ly 2	S. W. 1	10	9	Foggy	85.7		22d and 23d. Cloudy and misty.
23	29.83	29.87	29.97	63	66	60	63.0	S. E. 2	N. E. 2	N. E. 1	10	Misty	10	84.8		24th. Light rain in the afternoon.
24	29.92	29.90	29.87	59	64	62	61.7	N. E. 2	N. E. 2	N. E. 2	Misty	Rain	Misty	90.1	0.12	25th. Showery. Evening clear.
25	29.80	29.69	29.83	63	77	61	67.0	E'ly 1	S. W. 2	N. W. 2	Misty	8	0	74.9	0.15	26th. Fine.
S 26	29.89	29.89	29.96	62	80	65	69.0	N. W. 1	W'ly 2	N. W. 1	5	3	0	62.0		27th. Very warm.
27	30.00	29.99	30.00	62	81	66	69.7	N. W. 1	S. W. 3	S. W. 1	1	1	0	58.4		28th. Fine and warm.
28	29.99	29.93	29.85	66	76	71	71.0	S. W'ly 2	S. W. 1	S. W.	0	10	8	56.5		29th. Very hot. Heavy squall from W'ly from 7 to 8 P. M., followed by thunder and a little rain.
29	29.83	29.70	29.61	74	88	76	79.3	S. W. 1	S'ly 1	S'ly 1	3	1	Rain	67.9	0.62	30th. Very fine.
30	29.54	29.69	29.84	73	73	59	68.3	N. W. 1	N. W. 3	N. W. 1	2	0	0	60 3		
Means	29.83	29.81	29.84	59.9	70.7	60.6	...	1.6	2.4	1.4	5.7	6.5	5.9	70.3	7.06	
									1.8			6.0				
REDUCED TO SEA LEVEL.																
Max.	30.35	30.28	30.32	74	88	76	79.3									
Min.	29.59	29.71	29.59	46	57	47	50.3									
Mean	30.01	29.99	30.02													
Range	0.76	0.57	0.73	28	31	29	29.0									
Mean of month			30.007	...	...	...	63.7									
Extreme range			0.76	...	...	...	42.0									

Prevailing winds from some point between— Days.

N. & E.	4
E. & S.	0
S. & W.	19
W. & N.	7

	Days.
Clear	6
Variable	10
Cloudy	
Rain fell on	14

July, 1859. New Moon, 29d. 4h. 36m. P. M.

	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 1 P. M.	At 10 P. M.	At 6 A. M.	At 1 P. M.	At 10 P. M.			
1	29.87	29.87	29.86	55	75	62	64.0	E'ly 1	S. E'ly 2	S'ly 1	0	0	0	66.3		1st. Very fine.
2	29.80	29.69	29.62	65	79	73	72.3	S. W'ly 2	S'ly 2	S'ly 3	10	10	8	79.2		2d. Cloudy; air very damp.
S 3	29.59	29.59	29.69	71	78	62	70.3	S. W. 2	S. W. 2	N. W. 2	10	Shower	10	72.5	0.15	3d. Cloudy, with light shower.
4	29.80	29.99	30.12	54	66	54	58.0	N. W. 2	N'ly 2	N. W. 1	8	3	0	52.9		4th. Very fine.
5	30.19	30.18	30.18	54	69	54	59.0	N. W. 1	N'ly 3	N. E. 1	0	3	0	53.7		5th. Fine, but cool. At 6 P. M., wind fresh from N. E., while high clouds were coming from S. W.
6	30.11	30.06	30.06	53	72	61	62.0	N. E. 2	N. E. 2	N. E. 1	3	2	0	66.5		6th. Very fine. Evening splendid.
7	30.01	29.98	30.00	60	80	65	68.3	N'ly 2	S. E'ly 1	S. W. 1	2	0	0	69.5		7th and 8th. Very fine.
8	29.97	29.91	29.94	67	84	69	73.3	S. W. 1	S. W. 2	S. W. 1	1	3	5	70.0		9th. Pleasant. Sun hot.
9	29.93	29.95	30.04	68	79	64	70.3	N'ly 1	N. E. 1	N. E. 1	5	2	0	63.4		10th. Very warm. In the evening, wind light from S'ly, with upper clouds coming from N. E.
S 10	30.03	29.99	30.00	65	83	71	73.0	N. W. 1	W'ly 2	S'ly 1	0	7	0	51.5		11th. Very warm and sultry.
11	29.95	29.86	29.85	67	81	73	73.7	S'ly 1	S. E. 2	S'ly 1	3	0	0	75.5		12th. Very hot and damp; no evaporation.
12	29.82	29.79	29.78	72	90	71	77.7	S. W. 1	S. W. 1	S'ly	5	6	0	70.4		13th. Sultry. Light thundershower at 1 P. M.; frequent thunder in the afternoon. Light shower from 7 to 8 P. M.; then moonlight.
13	29.81	29.78	29.83	71	80	72	74.3	S. W. 1	S'ly 1	S'ly 1	10	Rain	6	83.0	0.37	14th. Cool, but fine.
14	29.87	29.91	29.97	68	78	63	69.7	N. W. 2	N. E. 2	N'ly 1	6	4	0	59.1		15th. Very fine.
15	30.05	29.99	29.96	65	77	65	67.0	N. W. 1	S. W. 2	E'ly 1	0	7	10	59.4		16th. Cloudy; air damp.
16	29.88	29.80	29.77	61	72	66	66.3	E'ly 1	S'ly 2	S'ly 1	10	10	10	70.9		17th. At 1 P. M., wind from N. W., with high cumulus clouds coming from N. E'ly. Heavy gust of wind from N. E'ly at 7 and 8 P. M. Thunder, with heavy clouds driven in different directions; no rain.
S 17	29.62	29.66	29.70	64	85	70	73.0	N. W. 1	N. W. 2	N. W. 1	2	2	0	64.0		18th. Very pleasant.
18	29.70	29.74	29.75	68	81	67	72.0	N'ly 1	N. E'ly 2	E'ly 1	0	6	5	63.5		19th. Cloudy.
19	29.69	29.65	29.57	70	76	68	71.3	S'ly	S'ly	S'ly 1	10	10	10	74.2		20th. Fine in the afternoon and evening.
20	29.47	29.38	29.57	68	87	69	74.7	S. W. 1	W'ly 2	N. W. 2	10	2	0	53.9		21st. Very fine; air extremely dry.
21	29.79	29.70	29.72	59	75	63	65.7	N. W. 3	N. W. 3	W'ly 1	0	3	5	46.0		22d. Warm through the day. Shower from 10 to 11 P. M.
22	29.65	29.49	29.47	66	80	67	71.0	S. W. 2	S. W. 3	S. W. 1	2	3	Rain	70.8	0.12	23d. Fine. Evening very clear.
23	29.45	...	29.68	63	...	62	...	N. W. 3	...	N. W. 1	0	...	0	66.7		24th. Very fine.
S 24	29.78	29.76	29.80	61	78	64	67.7	N. W. 2	N. W. 2	N. W. 1	3	2	0	45.9		25th. Fine in the morning. Shower from 3 to 5 P. M.
25	29.78	29.74	29.75	65	80	66	70.3	S. W'ly 1	S. W. 2	W'ly 1	9	4	0	67.9	0.35	26th. Fine shower at 7 P. M.
26	29.70	29.62	29.59	69	78	70	72.3	S. W. 2	S. W. 3	W'ly 2	10	10	5	70.0	0.15	27th. Fine. Sprinkling of rain at 4 P. M. from a passing cloud.
27	29.57	29.50	29.56	56	74	62	64.0	N. W. 1	N. W. 3	N. W. 1	0	5	0	59.0		28th. Very fine.
28	29.59	29.64	29.66	61	77	66	68.0	N. W. 2	N. W. 3	N. W. 1	0	5	0	58.9		29th. Pleasant. Beginning of solar eclipse lost, by reason of clouds; the end well observed at 6 h. 36 m. 49 s. P. M., Providence mean time.
29	29.84	29.85	29.94	60	78	68	68.7	N. W. 1	N. W. 2	S. W. 1	0	5	0	68.1		30th. Pleasant. Sun hot at mid-day.
30	29.98	29.97	29.97	59	81	66	68.7	N. E. 1	S. E'ly 2	S'ly 1	2	6	2	71.2		31st. Cloudy.
S 31	29.93	29.87	29.86	63	74	66	67.7	S'ly 1	S'ly 1	S'ly 1	8	10	10	64.7		
Means	29.81	29.80	29 81	63.5	78.2	65.8	...	1.4	2.0	1.1	4.2	5.0	3.1	64.8	1.14	
									1.5			4.1				
REDUCED TO SEA LEVEL.																
Max.	30.37	30.36	30.36	72	90	73	77.7									
Min.	29.63	29.56	29.65	53	66	54	58.0									
Mean	29.99	29.98	29.99													
Range	0.74	0.80	0.71	19	24	19	19.7									
Mean of month			29.987	...	...	...	69.2									
Extreme range			0.81	...	...	...	37.0									

Prevailing winds from some point between— Days.

N. & E.	4
E. & S.	6
S. & W.	11
W. & N.	10

	Days.
Clear	10
Variable	15
Cloudy	
Rain fell on	6

August, 1859. New Moon, 27d. 11h. 18m. P. M.

DAYS.	BAROMETER, reduced to 32° F. At 6 A. M.	At 2 P. M.	At 10 P. M.	THERMOMETER. At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) At 6 A. M.	At 2 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) At 6 A. M.	At 2 P. M.	At 10 P. M.	Relative Humidity.	Rain and Snow in Inches of Water.	REMARKS.
1	29.83	29.82	29.86	62	79	66	69.0	N. W. 1	S. W. 3	S. W. 1	3	3	1	66.7		1st. Fine.
2	29.85	29.85	29.84	67	78	70	71.7	S. W. 1	S. E. 1	S'ly 1	10	8	10	80.4		2d. Cloudy and sultry. Heavy fog about 8 P. M.
3	29.90	29.86	29.87	73	84	71	76.0	S'ly 1	S. W. 1	S. W.	5	3	0	74.1		3d. Very damp and sultry. Cloudy in the morning.
4	29.79	29.67	29.64	71	83	75	76.3	S. W. 2	S. W. 2	S. W. 1	10	3	Rain	78.9		4th. Damp and sultry in the afternoon; good deal of wind, and rain after 9 P. M.
5	29.65	29.64	29.61	76	81	70	75.7	S. W. 1	S. W.	S. W.	10	Rain	10	78.3	0.75	
6	29.71	29.75	...	66	79	...	...	N. W. 2	N. W. 2	...	7	0	...	66.9		5th. Slight showers in the morning, and sultry. Steady rain from 3 to 7 P. M. Evening cloudy.
S 7	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
8	...	29.80	29.92	...	78	65	...	...	N. W. 1	S. W. 1	...	3	0	62.1		6th to 9th. Very fine.
9	30.01	30.01	30.03	67	81	64	70.7	N. W. 1	S. E. 2	S'ly 1	0	5	0	66.6		10th. Fine.
10	30.03	30.04	29.99	68	80	67	71.7	S. W.	S. W. 1	S. W. 1	5	0	3	64.8		11th. Fog in the morning. Cloudy in the evening.
11	29.98	...	29.93	59	...	59	...	N. E. 1	...	S'ly 1	5	...	10	62.9		12th. Damp. Cloudy most of the day.
12	29.90	...	29.82	66	...	72	...	S'ly 1	...	S. W. 1	10	...	10	86.9		13th. Showery. Evening clear.
13	29.74	29.67	29.68	71	74	70	71.7	S. W.	S. W. 1	S. W. 1	Rain	10	5	83.3	0.75	14th. Pleasant. Quite warm.
S 14	29.69	29.68	29.69	73	85	73	77.0	N. W.	N. W. 2	S'ly	0	5	10	61.9		15th. Cool, but very fine.
15	29.75	29.81	29.89	72	75	60	69.0	N. W. 2	N. W. 3	N. W. 2	6	4	0	64.0		16th. Very fine, though quite cool.
16	29.93	29.95	29.97	62	68	65	61.7	N. W. 2	N'ly 3	N. E. 1	10	4	0	44.1		17th. Very cool.
17	30.00	29.95	29.92	58	73	56	62.3	N. W. 1	N. E. 3	E'ly 1	0	0	0	54.8		18th. Pleasant.
18	29.83	29.72	...	63	80	...	...	N. W. 1	N. W. 1	...	0	0	...	78.1		19th. Showery in the evening.
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.37	20th and 21st. Very fine.
20	29.81	...	29.90	63	75	59	65.7	N'ly 2	N. E. 2	N. E. 1	8	0	0	53.1		22d. Fine. Evening very clear.
S 21	29.91	29.90	29.93	61	77	61	66.3	N. E. 1	N. E. 2	E'ly 1	0	2	0	55.0		23d. Very fine.
22	29.94	29.92	29.98	56	75	61	64.0	E'ly 1	E'ly 2	E'ly 1	0	5	0	84.1		24th. Cloudy; air damp. Began to rain at 7 P. M.
23	30.03	30.02	30.03	60	78	63	67.0	E'ly 1	S'ly 2	S'ly 1	Foggy	2	0	72.5		25th. Copious rain at intervals till 4 P. M. Evening clear.
24	29.96	29.88	29.80	57	74	69	66.7	N. E'ly 1	S. E. 2	S. E. 1	Foggy	10	Rain	78.9		26th. Very fine.
25	29.60	29.50	29.73	70	68	66	68.0	S. E. 3	N. E. 3	N. W. 1	Rain	Rain	0	89.5	1.17	27th. Shower, with thunder, from 4 to 5 P. M. Evening clear.
26	29.77	29.75	29.76	64	81	68	71.0	N. W. 1	W. 3	W'ly 1	0	2	2	66.3		28th. Very fine. Splendid aurora in the evening. Large portions of the heavens often covered with light, approaching to blood red. At 35 or 40 min. past 9 o'clock, rays of red and white light (the red much predominating) met near the zenith, forming a rare and most magnificent display. The central point of light was about 10° south, and a little east of the zenith.
27	29.68	29.59	29.59	68	81	64	71.0	N. W. 3	W'ly 2	S. W. 1	10	5	0	66.3	0.20	
S 28	29.71	29.67	29.71	56	73	57	62.0	N. W. 1	W'ly 2	N. W. 3	0	2	0	54.3		
29	29.72	29.70	29.74	48	70	57	58.3	N. W. 1	N. W. 2	N. W. 1	0	3	0	44.5		
30	29.80	29.70	29.76	50	72	57	59.7	N. W. 1	N. W. 1	Calm	0	1	1	52.3		
31	29.61	29.58	29.61	57	77	57	63.7	S. W. 1	S. W. 3	S. W. 1	1	5	9	65.3	0.45	29th. Very fine; sky nearly cloudless. Light show of aurora in the evening.
Means	29.83	29.79	29.82	66.1	77.0	64.5	...	1.2	1.9	1.0	5.5	3.9	3.4	67.5	3.69	30th. Very fine.
									1.4			4.3				31st. Thundershowers in the afternoon and evening.
REDUCED TO SEA LEVEL.																
Max.	30.21	30.22	30.21	73	85	75	77.0									
Min.	29.78	29.68	29.77	48	68	56	58.3									
Mean	30.01	29.97	30.00													
Range	0.43	0.54	0.44	25	17	19	18.7									
Mean of month			29.993	...	...	...	69.2									
Extreme range			0.54	...	...	...	37.0									

Prevailing winds from some point between—	Days.
N. & E.	5
E. & S.	5
S. & W.	9
W. & N.	10

	Days.
Clear	9
Variable, Cloudy	12
Rain fell on	8

(2 days omitted.)

September, 1859. New Moon, 26d. 8h. 48m. A. M.

	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.			
1	29.67	29.63	29.60	53	73	59	61.7	N. W. 1	N. W. 2	N. W. 1	0	2	0	64.1		1st. Fine.
2	29.50	29.59	29.77	62	73	54	63.0	S. W. 2	W'ly 2	N. W. 2	5	1	0	56.8		2d. Aurora very brilliant from 2 to 4 A. M. Change in weather from 9 to 11 A. M., the wind hauling from S. W. to N'ly, and the air becoming much dryer. Splendid aurora again in the evening; diffused light around the north, with occasional streamers, and broad, brilliant flashes of light running from the horizon to the zenith, and a good deal of red light in the N. W.
3	29.79	29.79	29.79	50	71	62	61.0	N. W. 2	N. W. 2	S'ly 1	0	0	5	64.3		
S 4	29.70	29.70	29.89	65	78	60	67.7	S. W. 3	S. W. 2	N. W. 2	Sprin'le	3	1	63.5		
5	29.97	29.97	29.98	52	67	59	59.3	N.W'ly 2	S. W. 1	S. W. 1	5	10	Sprin'le	61.0		
6	30.00	30.00	30.12	54	67	52	57.7	N. W. 2	N. W. 3	N. W. 1	1	2	0	54.3		
7	30.13	30.12	30.11	50	...	52	...	N'ly 1	...	N. W. 1	5	...	0	79.0		
8	30.11	30.08	30.12	50	70	53	57.7	N. W. 1	N. W. 2	N. W. 1	0	3	0	58.1		3d. Very fine.
9	30.13	30.03	29.97	50	71	55	58.7	N. W. 1	N. W. 1	N. W. 1	0	4	0	61.3		4th. Sprinkling of rain at 6 A. M. Pleasant in the afternoon and evening.
10	30.12	30.03	29.97	52	74	61	62.3	N. W. 1	S. W. 2	S. W. 1	0	5	Sprin'le	66.5		5th. Pleasant. Sprinkling at 10 P. M.
S 11	29.77	29.56	29.40	63	74	70	69.0	S. W. 2	S. W. 1	S. W. 1	Sprin'le	10	10	80.9		6th. Very fine.
12	29.36	29.30	29.33	65	75	65	68.3	N.W'ly 1	S. W. 3	S. W. 1	0	5	0	69.7		7th. Cool and pleasant. Evening clear.
13	29.33	29.24	29.36	59	77	56	64.0	S. W. 1	S. W. 3	N. W. 3	0	10	0	66.0	0.10	8th and 9th. Fine.
14	29.40	29.60	29.93	48	59	46	51.0	N. W. 4	N. W. 5	N. W. 2	0	3	5	48.0		10th. Fine in the morning. Sprinkling of rain from 9 to 10 P. M.
15	30.08	30.10	30.18	39	57	43	46.3	N. W. 2	N. W. 2	N. W. 1	1	5	0	41.7		11th. Cloudy, and occasional sprinkling.
16	30.17	30.11	30.10	39	63	52	51.3	N. W. 1	S. W'ly 1	S. W. 1	8	10	10	41.7		12th. Fine.
17	29.96	29.64	29.43	51	54	52	52.3	N. E. 2	N. E'ly 4	N. E. 5	Rain	Rain	Rain	91.0	} 2.40	13th. Cloudy. Heavy dashes of rain from 5 to 6 P. M. Very clear at 10 P. M., and much cooler.
S 18	29.51	29.59	29.72	52	67	59	59.3	N. E. 4	N.N.E. 3	N. W. 1	Rain	8	0	76.3		
19	29.75	29.70	29.73	50	72	62	61.3	N. W. 1	S. W. 3	N. W. 1	0	0	1	88.2		14th. Wind very high, and cold for the season.
20	29.70	29.72	29.86	65	78	66	69.7	S. W. 2	S. W. 3	S. W. 1	7	10	10	76.9		15th. Very cool for the season. Evening clear.
21	29.92	29.97	29.93	54	51	53	52.7	N. E. 3	N. E. 4	N. E. 2	10	Rain	Rain	88.3		16th. Cloudy, with air chilly from S. W. in the afternoon.
22	29.92	29.92	29.92	50	54	52	52.0	N. E'ly 2	N. E. 2	N. E. 2	Misty	Misty	Rain	93.0		
23	29.82	29.78	29.79	52	58	56	55.3	N. E. 1	N. E. 2	N'ly 1	Rain	Misty	10	89.4	1.15	17th. Began to rain at sunrise, and rained all day, being very heavy in the afternoon, with high wind.
24	29.76	29.70	29.77	56	70	62	62.7	N'ly 2	N. W. 1	N. W. 1	10	5	10	72.8		
S 25	29.77	29.77	29.78	61	65	63	63.0	N. W. 1	N. W. 1	S. W. 1	10	10	Sprin'le	83.1		18th. Light rain and mist in the morning. Cloudy in the afternoon. Evening clear and mild.
26	29.77	29.76	29.80	61	71	62	64.7	S. W. 1	S. W. 1	S. W. 1	Foggy	2	10	75.1		19th. Very fine.
27	29.82	29.76	29.80	62	78	62	67.3	S. W. 1	S. W. 2	S. W. 1	Foggy	2	0	58.0		20th. Warm and sultry.
28	29.78	29.76	29.90	64	72	63	66.3	S. W. 1	S. W. 2	N. E. 1	9	8	10	79.2		21st. Began to rain moderately at sunrise; rain fine and misty, with strong wind. In evening, wind abated; rain increased.
29	30.05	30.12	30.23	57	62	48	55.7	N. E. 2	N. E. 2	N. E. 1	7	1	0	68.5		22d. Mist, and occasional light showers.
30	30.22	30.17	30.12	43	63	49	51.7	N. E. 1	S. W. 2	S. W. 1	0	0	0	67.6		23d. Clouds, with occasional rain.
Means	29.83	29.81	29.85	54.3	67.7	56.9	...	1.7	2.2	1.4	5.3	5.3	4.9	69.5	3.65	24th. Warm and pleasant.
									1.8			5.2				25th. Cloudy; occasional brief sunshine. Sprinkling of rain in the evening.
REDUCED TO SEA LEVEL.																26th. Pleasant.
Max.	30.40	30.35	30.36	65	78	70	69.7									27th. Morning foggy. Evening very clear, warm, and mild.
Min.	29.51	29.44	29.51	39	51	43	46.3									28th. Brief showers from 5 to 6 P. M., with light thunder.
Mean	30.01	29.99	30.03													29th. Cool. Evening very clear.
Range	0.89	0.91	0.85	26	27	27	23.4									30th. Fine. Evening very clear.
Mean of month			30.006	...	...	...	59.6									
Extreme range			0.91	...	...	...	39.0									

Prevailing winds from some point between—	Days.
N. & E.	6
E. & S.	0
S. & W.	13
W. & N.	11

	Days.
Clear	7
Variable, Cloudy	11
Rain fell on	12

October, 1859. New Moon, 25d. 7h. 25m. P. M.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 2 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 2 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 2 P. M.	At 10 P. M.	Relative Humidity.	Rain and Snow in Inches of Water.	REMARKS.
1	30.06	29.93	29.88	44	68	61	57.7	S. W. 1	S. W. 3	S. W. 1	0	3	2	71.5		1st. Fine. Evening hazy, and overcast at times. Aurora visible at 7½ P. M.; delicate streamers at N., shooting up 30° or 40°.
S 2	29.80	29.62	29.73	62	67	58	62.3	S. W. 1	S. W. 2	S. W. 1	Rain	10	2	82.9	0.50	2d. Rain in morning; wind light S. W., and warm. Clouds broken in afternoon. Evening mostly clear. At 7 P. M., faint auroral streamers visible.
3	29.85	29.85	29.86	48	63	53	54.7	N.W'ly 2	N. W. 3	N. W. 1	0	0	0	59.6		3d and 4th. Very fine.
4	29.80	29.76	29.86	53	78	60	63.7	S. W. 2	S. W. 2	S. W. 1	0	0	0	62.3		5th. Pleasant. Air warm and damp.
5	29.82	29.75	29.58	54	74	59	62.3	S. W. 1	S. W. 2	N.W'ly 1	Foggy	0	9	68.4		6th. Pleasant. 7th. Very fine.
6	29.40	29.62	29.85	58	62	47	55.7	N. W. 2	N. W. 3	N. W. 1	8	2	0	64.3		8th. Light rain in morning; wind S'ly.
7	29.93	29.82	29.84	42	61	52	51.7	N. W. 1	N. W. 2	S. W. 1	1	2	0	61.5		Between 9 and 10 A. M., wind came to N. E.
8	29.74	29.75	29.79	54	49	48	50.3	S'ly 2	N. E. 2	N. E. 2	Rain	Misty	Rain	91.4		Rained in heavy showers in afternoon and
S 9	29.76	29.77	29.88	42	50	47	46.3	N. E. 3	N. E. 2	N. E. 3	Rain	10	1	71.9	2.00	evening, with thunder.
10	29.89	29.83	29.92	41	45	39	41.7	N. E. 2	N. E. 3	N. E. 1	10	10	0	62.1		9th. Cloudy in the morning. Evening mostly clear and cool.
11	29.93	29.90	29.98	38	62	47	49.0	N. W. 1	N. W. 2	N. W. 1	0	0	3	55.4		10th. Variable. Evening clear. Slight
12	30.10	30.08	30.11	46	60	47	51.0	N. W. 1	N'ly 1	S'ly 1	0	5	0	54.5		appearance of white frost on College Hill,
13	30.04	29.94	29.87	50	66	58	58.0	S. W. 2	S. W. 3	S. W. 2	2	10	5	77.4		being the first of the season.
14	29.75	29.55	29.60	60	74	55	63.0	S. W. 2	S. W. 3	S. W. 2	7	3	10	68.5	0.12	11th. Fine in the morning. Partly overcast in the afternoon and evening.
15	29.68	29.68	30.00	46	56	38	46.7	N.W'ly 1	N. W. 3	N. W. 1	0	5	0	45.1		12th and 13th. Pleasant.
S 16	30.16	30.15	30.22	33	48	38	38.0	N. W. 2	N. W. 2	N. W. 1	0	0	0	53.7		14th. Pleasant. Shower from 7 to 8 P. M.
17	30.16	30.05	29.89	38	60	60	52.7	S. W. 1	S. W. 3	S. W. 3	0	10	Rain	62.2		15th. Wind high and gusty from 3 to 6
18	29.72	29.34	29.51	61	65	47	57.3	S. W. 3	S. W. 3	N. W. 4	Rain	Rain	0	75.3		P. M. Evening clear and cold, with wind
19	29.56	29.55	29.53	40	50	40	43.3	N. W. 2	N. W. 3	N. W. 1	0	0	10	49.1		abated.
20	29.45	29.41	29.47	37	45	34	38.7	W'ly 3	N. W. 3	N. W. 1	3	0	0	42.6		16th. Cool, but fine.
21	29.46	29.47	29.59	33	40	33	35.3	N. W. 2	N. W. 3	N. W. 2	8	3	0	33.8		17th. Cloudy in the afternoon. Light shower in the evening.
22	29.61	29.62	29.72	29	46	42	39.0	S. W. 2	S. W. 2	S. W. 1	0	8	10	49.0		18th. Showery till 5 P. M., when the wind
S 23	29.83	29.83	29.93	39	51	40	43.3	N'ly 1	N. W. 1	N. W. 1	9	0	0	59.0		came from S. W. to N. W., with heavy clouds
24	29.97	29.82	29.78	34	54	47	45.0	N. W. 2	S. W. 2	S. W. 2	0	8	7	48.2		and gust of wind. At 7 P. M., mostly clear,
25	29.61	29.44	29.41	45	58	44	49.0	S. W. 2	N. W. 3	N. W. 1	9	10	10	45.8		and a very brilliant aurora extening from
26	29.50	29.44	29.35	29	38	33	33.3	N. W. 3	N. W. 3	N. W. 2	2	0	7	42.0		N. W. to N. E. Brilliant streamers, narrow
27	29.31	29.24	29.38	32	44	35	37.0	N'ly 1	N. W. 2	N. W. 1	10	0	0	35.0		and well defined, shot from the horizon
28	29.43	29.47	29.58	33	48	43	41.3	W'ly 1	W'ly 3	W'ly 1	0	5	0	41.1		nearly up to the zenith. It continued till
29	29.61	29.66	29.82	33	48	35	38.7	N. W. 1	N. W. 2	N. W. 1	0	0	9	37.5		late in the evening, but much less brilliant
S 30	29.91	29.92	29.95	33	44	40	39.0	N. W. 1	N. W. 1	W'ly 1	9	10	10	46.3		than at first. On the change of wind, the
31	29.93	29.90	30.00	37	45	40	40.7	W'ly 1	N. W. 1	N. W. 1	10	10	10	45.9		air, from being very damp, became sud-
Means	29.77	29.71	29.77	42.7	55.5	45.8	...	1.7	2.4	1.4	4.5	4.6	3.7	56.9	2.62	denly extremely dry.
									1.8			4.3				19th. Pleasant. Evening overcast.
REDUCED TO SEA LEVEL.																20th. Cold and blustering. Aurora in the evening low down in N.; not very bright.
Max.	30.34	30.33	30.40	62	78	61	63.7									21st. Flurry of snow at 1 A. M. Air cold and blustering. Faint aurora in evening, without streamers.
Min.	29.49	29.42	29.59	29	38	33	33.3									22d. Cloudy in the afternoon.
Mean	29.95	29.89	29.95													23d. Very fine.
Range	0.85	0.91	0.81	33	40	28	30.4									24th and 25th. Pleasant.
Mean of month		29.931		...	...	...	48.0									26th. Air raw and cold.
Extreme range		0.98		...	...	...	49.0									27th and 28th. Very fine.

Prevailing winds from some point between— Days.

N. & E.	3
E. & S.	0
S. & W.	10
W. & N.	18

	Days.
Clear	8
Variable	17
Cloudy	
Rain fell on	5

29th. Pleasant.
30th. Air raw and wintery.
31st. Cloudy. Air chilly.

November, 1859. New Moon, 24d. 8h. 35m. A. M.

	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.			
1	30.02	30.00	30.01	36	48	35	39.7	W'ly 1	N. W. 1	N. W. 1	5	7	3	53.6		1st. Very fine.
2	30.01	29.83	29.92	35	52	37	41.3	N. W. 1	N. W. 2	N. W. 1	10	10	0	42.4		2d. Cloudy, with mist and occasional fine rain in the morning.
3	30.10	30.14	30.31	35	48	33	39.0	N. W. 1	N. W. 3	N. W. 1	0	0	0	36.8		3d. Raw and cold.
4	30.29	30.05	29.99	35	57	51	47.7	S'ly 1	S. W. 3	S. W. 1	10	2	2	65.1		4th. Moderate rain at intervals.
5	29.95	29.85	29.93	48	70	57	58.3	S. W. 1	S. W. 1	S. W. 1	1	3	2	52.0		5th. Cloudy and mild; wind light N. W'ly nearly all day.
6	30.22	30.25	30.42	44	52	36	44.0	N. W. 1	N. W. 2	N. W. 1	0	2	0	39.0		6th. Light rain all day; more copious in the evening.
S 7	30.44	30.43	30.41	31	50	36	39.0	N. E. 1	S. E'ly 2	S. E. 1	0	0	0	54.7		7th. Shower in the morning. Pleasant in the afternoon and evening.
8	30.33	30.24	30.17	31	55	46	44.0	N'ly 1	S. E. 2	S'ly 1	0	0	Foggy	75.6		8th. Very fine. Evening clear.
9	30.08	29.95	29.90	37	62	49	49.3	S. W. 1	S. E'ly 2	S. W. 1	Foggy	2	0	76.1		9th. Cool, and mostly cloudy.
10	29.72	29.49	29.38	52	60	58	56.7	S. W. 1	S. W. 1	S. W. 2	Foggy	Sprin'le	10	84.7		10th. Very fine.
11	29.40	29.65	29.97	52	46	31	43.0	N'ly 1	N. W. 3	N. W. 2	5	0	0	75.0		11th. Air raw and snowy. Heavy black
12	30.04	29.99	29.70	31	44	52	42.3	N. E. 1	E'ly 1	S'ly 2	5	Sprin'le	10	68.7		frost this morning; the first of the season
S 13	29.50	29.27	29.30	60	62	38	53.3	S'ly 4	S. W. 4	N. W. 3	10	Rain	Sprin'le	73.7	0.62	to injure dahlias and other hardy plants.
14	29.65	29.81	30.02	32	42	32	35.3	N.W'ly 1	W. 2	W'ly 1	0	5	2	53.7		12th. Cold and raw.
15	30.08	30.12	30.27	30	44	35	36.3	N. W. 2	S. E. 1	Calm	0	1	1	50.0		13th. Air raw and cold. Began to rain from 8 to 9 P. M.
16	30.33	30.31	30.35	35	45	40	40.0	E'ly 1	E'ly 1	Calm	9	Rain	0	72.2	0.10	14th. Ground white with snow this morning. Weather wintry.
17	30.31	30.21	30.20	36	53	40	43.0	S'ly 1	S'ly 1	S'ly 1	Foggy	3	2	80.6		15th. Fine snow in the air nearly all day.
18	30.21	30.00	29.90	39	65	58	54.0	S. W. 1	S. E. 2	S. W. 2	1	1	Rain	73.8		Mostly clear at 10 P. M.
19	29.67	29.40	29.38	58	60	55	57.7	S'ly 1	S'ly 3	S'ly 1	Rain	Rain	5	85.0	0.30	16th. Blustering and cold.
S 20	29.56	29.70	30.01	49	44	34	42.3	N. W. 2	N. W. 3	N. W. 2	7	0	0	42.4		17th. Fine, but cold.
21	30.20	30.24	30.21	33	39	36	36.0	N. W. 2	N. E. 2	E'ly 2	1	10	R'n, h'l	44.0		18th. Cloudy in the morning. Fine in the afternoon and evening.
22	29.82	29.55	29.63	43	46	40	43.0	N. E. 3	N. W. 2	W'ly 2	Rain	10	10	83.3	0.65	19th. Pleasant. Evening very clear.
23	29.72	29.81	29.91	40	...	36	...	S. W. 1	...	E'ly 1	5	...	10	75.6		20th. Pleasant.
24	30.09	30.11	30.19	33	35	30	32.7	N. W. 2	N. W. 2	N. W. 3	8	10	8	50.0		21st. Began to snow very gently from 7 to 8 P. M.
25	30.27	30.18	30.08	29	36	35	33.3	N. W. 2	S. W'ly 1	E'ly 1	9	5	10	51.4		22d. Very fine.
26	29.52	29.50	29.55	46	53	45	48.0	S'ly 2	N.W'ly 2	Calm	Rain	4	0	63.1	0.60	23d. Raw all day, with wind heavy at N. E'ly.
S 27	29.69	29.65	29.65	37	45	40	40.7	W'ly 2	W.byS. 2	W'ly 1	1	8	10	43.7		24th. Raw and damp.
28	29.58	29.53	29.81	37	45	33	38.3	S. W. 1	N. W. 2	N. W. 1	5	2	0	42.9		25th. Clear and cold.
29	29.91	29.93	30.00	33	43	34	36.7	W.byN. 1	S'ly 1	S'ly 1	5	2	1	42 5		26th. Cloudy and cold.
30	29.93	29.90	29.95	34	55	46	45.0	S. W. 1	S. W. 2	S. W. 1	0	2	6	66.1		27th. Cloudy, with appearances of storm in the evening.
Means	29.95	29.90	29.95	39.1	50.2	40.7	...	1.4	2.0	1.3	5.3	4.8	4.4	60.6	2.27	28th. Began to snow very gently from 10 to 11 A. M., and continued through afternoon and evening.
									1.6			4.7				29th. Between five and six inches of damp snow on the ground this morning.
REDUCED TO SEA LEVEL.																30th. Dusting of snow from 8 to 9 A. M. Pleasant in the afternoon and evening.
Max.	30.62	30.61	30.60	60	70	58	58.3									
Min.	29.58	29.45	29.48	29	35	30	32.7									
Mean	30.13	30.08	30.13													
Range	1.04	1.16	1.12	31	35	28	25.6									
Mean of month		29.936		...	...	...	43.3									
Extreme range		1.17		...	...	...	41.0									

Prevailing winds from some point between— Days.

N. & E.	1
E. & S.	6
S. & W.	13
W. & N.	10

	Days.
Clear	6
Variable	15
Cloudy	
Rain fell on	9

December, 1859. New Moon, 24d. 0h. 39m. A. M.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 2 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 2 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 2 P. M.	At 10 P. M.	Relative Humidity.	Rain and Snow in Inches of Water.	REMARKS.
1	29.88	29.78	29.79	46	61	56	54.3	S. W. 1	S. W. 3	S. W. 1	7	9	6	71.4		1st. Rain in the morning. Cleared from 5 to 6 P. M. Evening clear.
2	29.80	29.76	29.74	55	57	56	56.0	S. W. 2	S. W. 2	S. W. 2	10	10	7	82.8		2d. Very fine.
3	30.21	30.33	30.46	33	28	26	29.0	N'ly 2	N'ly 3	N. E. 2	10	10	Snow	65.5		3d. Air cool, and wind blustering.
S 4	30.35	30.31	30.18	22	27	27	25.3	N. E. 2	N.N.E. 2	N. E. 2	Snow	Hail	Hail	74.8	0.75	4th. Pleasant.
5	30.18	30.21	30.27	28	32	30	30.0	N. E. 2	N.byE. 2	N'ly 1	10	Misty	Foggy	81.6		5th. Began to snow from 9 to 10 A. M.; quantity small; ground covered half an inch deep. The first snow of the season.
6	30.22	30.17	30.03	32	35	38	35.0	N. N. E. 1	N.N.E. 1	N. E'ly 1	Misty	Misty	Misty	82.8		
7	29.82	29.60	29.60	53	61	43	52.3	S. W. 1	S. W. 3	N.W'ly 2	Misty	Rain	Rain	84.4	1.10	6th. Snow disappeared during the morning. Began to rain from 3 to 4 P. M., and continued through the evening.
8	29.71	29.88	30.06	27	23	14	21.3	N. W. 1	N. W. 3	N. W. 3	10	5	0	67.3		
9	30.13	30.10	29.91	11	25	30	22.0	N. W. 1	N. W. 1	S'ly 1	0	2	10	54.4		7th. Very fine.
10	29.73	29.78	29.89	25	30	19	24.7	N. W. 2	N. W. 3	N. W. 2	0	3	0	50.1		8th. Pleasant. Very mild for the season.
S 11	29.87	29.73	29.62	16	28	28	24.0	W'ly 1	W'ly 1	W'ly 1	2	10	10	61.0		9th. Moderate rain through the day.
12	29.32	29.50	29.87	39	33	13	28.3	S. W. 3	N. W. 3	N. W. 2	1	3	2	34.5		10th. Mist and light rain in the morning. Evening very clear.
13	30.07	30.13	30.24	15	28	20	21.0	W'ly 1	W'ly 1	N. W. 1	0	2	3	33.5		11th. Cloudy at mid-day. Evening very clear and cold.
14	30.11	29.87	29.64	18	21	27	22.0	N.byE. 2	N. E. 4	N. E. 2	10	Snow	Snow	58.4		12th. Cold, but very fine.
15	29.78	29.81	30.01	26	33	30	29.7	N. W. 1	N. W. 2	N. W. 1	9	2	1	60.7		13th. Very fine.
16	30.04	30.07	30.15	27	30	22	26.3	N. W. 1	N. W. 2	N.W'ly 1	2	0	Hazy	60.1		14th. Very fine. Evening very clear.
17	30.13	30.08	29.88	26	35	37	32.7	N'ly 1	N. E. 2	E'ly 4	10	10	10	55.4		15th. Mild in the morning. Cloudy and air raw in the afternoon. Evening clear.
S 18	29.63	29.52	29.67	41	42	39	40.7	E'ly 4	E.by N. 2	W'ly 2	Rain	Rain	10	84.8	0.80	16th. Mild. Some flakes of snow in the morning.
19	29.71	29.71	29.82	38	46	38	40.7	S. W'ly 1	S. W. 2	W'ly 1	10	2	0	56.4		17th. Mild for the season.
20	29.78	29.42	29.17	35	34	37	35.3	S'ly 1	S. E. 1	E'ly 1	10	Snow	Rain	79.8	0.30	18th. Moderate rain in morning. Clear at 10 P. M.
21	29.43	29.63	29.75	37	36	28	33.7	S.byW. 2	W'ly 3	N. W. 2	7	5	0	48.1		19th. Very fine; nearly cloudless.
22	29.75	29.75	29.73	26	34	26	28.7	N. W. 2	N.W'ly 2	N. W. 1	0	1	2	45.9		20th. Very fine. Remarkably clear in the evening.
23	29.64	29.59	29.57	23	31	22	25.3	W'ly 1	N. W. 2	N. W. 1	1	0	0	46.8		
24	29.55	29.67	29.86	22	20	12	18.0	N. W. 2	N. W. 4	N. W. 2	7	0	0	34.6		21st. Clear in the morning. Cloudy in the evening; appearances of storm.
S 25	29.85	29.79	29.74	16	27	26	23.0	W by S. 2	W.byS. 2	S. W. 2	2	5	10	59.8		22d. Moderate rain in morning. Sprinkling at 7 P. M. Clear at 10 P. M., with the wind N. W.
26	29.55	29.47	29.57	29	31	34	31.3	N. W. 1	N'ly 2	N'ly 1	10	10	7	58.6		
27	29.78	29.90	30.14	28	25	8	20.3	N. W. 2	N. W. 2	N. W. 2	1	0	0	37.6		23d. Pleasant.
28	30.19	30.17	30.20	1	9	1	3.7	N. W. 2	N. W. 2	N. W. 3	0	10	0	10.1		24th. Very blustering.
29	30.18	30.10	29.95	—2	15	13	8.7	N. W. 2	N. E'ly 1	N. E. 1	5	7	10	41.4		25th. Cloudy for most part, and air cold.
30	29.53	29.53	29.79	16	22	18	18.7	N. E. 2	N. E. 2	N. W. 1	Snow	10	0	28.2	0.50	26th. Began to snow moderately at 7½ A. M., and continued all day.
31	29.78	29.83	29.92	19	23	12	18.0	W'ly 1	N. W. 2	N. W. 2	9	2	0	37.1		27th. Five or six inches of light snow on ground in morning. Evening still and cold.
Means	29.86	29.84	29.88	26.7	31.7	26.8	...	1.6	2.1	1.7	6.2	6.1	5.4	56.4	3.45	28th. Mild. The thermometer rose 30° between 10 o'clock last night and 10 this morning. Cloudy; wind brisk at S. W.
								1.8			5.9					29th. Began to snow gently from noon to 1 P. M., and continued.
REDUCED TO SEA LEVEL.																30th. Ground lightly covered with fresh snow this morning. Light rain in evening.
Max.	30.53	30.51	30.64	55	61	56	56.0									31st. Light rain and mist this morning; wind E'ly. In the afternoon, wind S. W., and clouds broken. Evening blustering and very clear.
Min.	29.50	29.60	29.35	—2	9	1	3.7									
Mean	30.04	30.02	30.06													
Range	1.03	0.91	1.29	57	52	55	52.3									
Mean of month	30.041			...	...	...	28.4									
Extreme range	1.29			...	...	...	63.0									

Prevailing winds from some point between—	Days.
N. & E.	9
E. & S.	1
S. & W.	5
W. & N.	16

	Days.
Clear	7
Variable, Cloudy	14
Rain or snow fell on	10

January, 1860. New Moon, 22d. 7h. 8m. P. M.

	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.			
S 1	30.02	29.98	30.03	5	17	11	11.0	W'ly 1	N. W. 2	N. W. 1	0	2	3	39.8		1st Pleasant, but cold.
2	30.06	30.01	30.11	6	12	3	7.0	N. W. 1	N. W. 3	N. W. 2	2	0	0	44.3		2d. Very cold. Bow round the moon.
3	30.18	30.05	30.04	1	17	23	13.7	N. W. 1	N. W. 2	S. W. 3	0	2	10	38.0		3d. Morning intensely cold. Warmer towards night; appearances of storm.
4	30.01	29.93	29.86	20	30	25	25.0	W'ly 2	S. W. 2	W'ly 2	8	10	3	62.2		4th. Flurry of snow last night. Dusting of snow from 3 to 9 P. M. Clear at 11 P. M.
5	30.06	30.18	30.41	11	15	12	12.7	N. W. 2	N. W. 3	N. W. 1	1	0	0	7.6		
6	30.29	30.22	30.18	12	27	26	21.7	W'ly 1	S. W. 2	S. W. 2	0	2	3	52.7		5th. Cold, but fine. Evening splendid.
7	30.06	29.95	29.76	28	38	36	34.0	S. W. 2	S'ly 2	S'ly 2	10	10	Rain	79.2	0.20	6th. Pleasant. Fog-bow round the moon. At 9 P. M., the moon was surrounded by a brilliant, broad corona of dark orange light; and, outside of that, a well-defined rainbow of about 6° or 7° radius, with bright fog-bow.
S 8	29.68	29.60	29.73	42	44	38	41.3	S'ly 1	S'ly 1	W'ly 1	Foggy	Foggy	0	85.9		
9	29.92	29.95	30.08	36	46	34	38.7	W'ly 1	N. W. 1	N. W. 1	2	1	2	66.1		
10	29.96	29.91	29.92	37	50	37	41.3	S. W. 2	S. W. 2	S. W. 1	10	3	Foggy	71.5		7th. Mild. Light rain from 6 to 7 P. M.
11	29.72	29.65	29.82	37	46	43	42.0	S. W. 3	S. W. 3	S. W. 2	10	10	Sprin'le	71.9		8th. Thick fog during the day.
12	29.90	29.92	29.99	29	27	18	24.7	N. E. 2	N'ly 2	N. W. 1	Snow	Snow	0	78.3	0.40	9th. Haze in the evening. Fog-bow round the moon.
13	30.06	30.23	30.26	18	21	13	17.3	N. W. 2	N. W. 2	N'ly 1	1	0	10	46.7		10th. Mild and pleasant.
14	30.04	29.67	29.51	18	27	32	25.7	N. E'ly 1	N. E'ly 1	N. E'ly 1	Snow	Snow	Rain	75.1	0.25	11th. Cloudy. Sprinkling in evening.
S 15	29.43	29.42	29.53	29	36	34	33.0	N. W. 1	W'ly 2	S. W. 1	2	2	0	80.0		12th. About six inches of damp snow fell to-day. Evening clear.
16	29.58	29.59	29.56	36	48	32	38.7	S. W. 1	S. W. 2	S. W. 1	2	0	0	57.0		13th. Fine.
17	29.50	29.39	29.53	33	41	31	35.0	N. W. 1	N. W. 1	N. W. 1	8	10	10	92.8		14th. Light snow. Rain in the evening,
18	29.63	29.72	29.65	25	35	32	30.7	S. W. 1	S. W. 2	W'ly 1	6	9	0	71.4		15th. Fine. Evening very clear.
19	29.56	29.62	29.83	31	38	26	31.7	N'ly 1	N'ly 2	N. W. 1	10	10	0	46.9		16th. Very fine.
20	29.82	29.73	29.69	29	41	39	36.3	W by S. 2	S. W. 3	S. W. 2	5	8	0	54.0		17th. Pleasant. Overcast in evening.
21	29.51	29.52	29.71	38	52	41	43.7	S. W. 1	S. W. 2	S. W. 1	0	0	0	49.0		18th. Pleasant morning. Cloudy afternoon. Light flurry of snow from 7 to 8 P. M. Mostly clear at 10 P. M.
S 22	29.73	29.66	29.68	38	45	36	39.7	S. W. 1	N. W. 1	N. W. 1	5	2	0	66.9		19th. Cloudy day. Evening clear.
23	29.76	29.86	30.03	37	43	33	37.7	N. W. 1	N. W. 2	N. W. 1	0	0	0	42.8		20th. Pleasant day. Evening clear.
24	30.05	29.96	29.73	30	48	43	40.3	S. W. 1	S. W. 2	S. W. 3	5	7	10	31.7		21st. Very mild and fine.
25	29.43	29.43	29.65	45	48	35	42.7	S. W. 3	N. W. 3	N. W. 3	10	3	0	39.9		22d. Pleasant.
26	29.83	29.78	29.74	29	34	26	29.7	W'ly 2	N. W. 2	N'ly 2	1	10	Snow	42.0	0.10	23d. Fine; evening very clear.
27	29.72	29.63	29.63	18	30	27	25.0	N. W. 2	N'ly 1	N. W. 2	4	3	10	47.3		24th. Pleasant in morning. Air raw in afternoon. Evening cloudy.
28	29.64	29.58	29.69	21	30	23	24.7	N. W. 2	S. W'ly 2	N.W'ly 1	3	10	0	44.7		25th. Mild and variable day. Evening clear; wind blustering from N. W.
S 29	29.99	30.03	29.96	15	30	30	25.0	N. W. 2	N. W. 2	S. W. 2	0	0	2	53.7	0.05	26th. Air raw. Began to snow moderately from 10 to 11 P. M.
30	29.70	29.62	29.76	39	49	37	41.7	S. W. 2	S. W. 2	S. W. 2	3	1	0	52.1		27th. Variable. Half inch of light snow on ground this morning.
31	29.75	29.70	29.88	39	52	12	37.7	S. W. 3	S. W. 3	N. E. 4	1	5	Snow	8.4		28th. Morning hazy. About noon, a prismatic bow, distinct but not bright, round the sun, together with another bow of much larger dimensions, sweeping from the sun up to the zenith.
Means	29.89	29.86	29.91	26.8	36.0	28.6	...	1.6	2.0	1.6	4.5	4.9	4.0	54.8	0.80	29th. Very fine. Half an inch of snow on the ground this morning.
								1.7			4.5					30th. Very fine.
REDUCED TO SEA LEVEL.																31st. Morning mild. Wind changeable. From 2 P. M. till the morning of Feb. 1st, the ther. fell 48°. There is but one similar instance in my Record. This was in Jan. 1832, when the fall was 49° in 24 hours.
Max.	30.47	30.41	30.59	45	52	43	43.7									
Min.	29.61	29.57	29.69	1	12	3	7.0									
Mean	30.07	30.04	30.09													
Range	0.86	0.84	0.90	44	40	40	36.7									
Mean of month	30.065			...	...	...	30.6									
Extreme range	1.02			...	...	...	51.0									

Prevailing winds from some point between—	Days.
N. & E.	2
E. & S.	0
S. & W.	15
W. & N.	14

	Days.
Clear	11
Variable, Cloudy	12
Rain or snow fell on	8

February, 1860. New Moon, 21d. 2h. 36m. P. M.

DAYS.	BAROMETER, reduced to 32° F.			THERMOMETER.				WINDS. (Direction and Force.)			WEATHER. (Tenths Cloudy.)			Relative Humidity.	Rain and Snow in Inches of Water.	REMARKS.
	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.			
1	29.97	30.00	30.22	4	6	—1	3.0	N. W. 3	N. W. 3	N. W. 1	Snow	5	0	38.1	0.35	1st. Snowing moderately at sunrise, with six or seven inches of snow on the ground, much drifted. Clouds broken in the afternoon; intensely cold. Evening clear.
2	30.27	30.30	30.31	—1	15	9	7.7	N. W. 2	N. W. 2	N'ly 3	3	10	10	39.4		2d. Blustering, cloudy, and cold.
3	30.33	30.29	30.23	12	22	18	17.3	N'ly 3	N'ly 1	N'ly 2	9	8	5	67.4		3d. Cold abated. Light snow in the air.
4	30.15	30.22	30.33	20	26	23	23.0	N. E'ly 1	N'ly 2	N. E'ly 1	Snow	10	8	76.9		4th. Air full of snow in the morning; a
S 5	30.36	30.30	30.14	25	36	34	31.7	N'ly 1	S'ly 2	S'ly 2	10	10	10	72.7		mere dusting on the ground.
6	29.77	29.58	29.50	41	43	44	42.7	S'ly 1	S'ly 1	S. E'ly 1	Foggy	Foggy	Foggy	94.1	0.50	5th. Cloudy; air raw and chilly from S'ly.
7	29.57	29.67	29.85	44	45	35	41.3	N.W'ly 1	N. W. 2	N. W. 1	5	7	0	65.6		6th. Thick fog, with occasional light rain.
8	29.89	29.82	29.76	28	41	33	34.0	N. W. 2	S. W'ly 1	S'ly 1	1	3	5	64.6		Clouds prevented the lunar eclipse from
9	29.69	29.50	29.27	32	42	38	37.3	W'ly 1	S'ly 2	S'ly 1	0	3	10	48.0		being observed this evening.
10	29.24	29.38	29.82	18	19	14	17.0	N. W. 5	N. W. 5	N. W. 4	1	0	0	29.6	0.10	7th. Pleasant. Sky frequently obscured
11	29.82	29.81	29.70	11	25	21	19.0	N. W. 3	N. W. 1	S. E'ly 2	6	10	Snow	43.9		by clouds through the day. Evening clear.
S 12	29.70	29.78	30.02	17	25	18	20.0	N. W. 2	N. W. 3	N. W. 2	1	2	0	51.4		8th. Pleasant, Fog-bow round the moon in the evening.
13	29.98	29.73	29.61	20	44	39	34.3	S. W. 2	S. W. 2	S. W. 1	10	5	10	43.7		9th. Pleasant. Evening overcast.
14	29.73	29.86	30.00	31	30	22	27.7	N. E. 2	N. E. 1	N'ly 1	10	10	4	53.5		10th. Heavy gale from N. W. all day, and cold.
15	30.06	29.92	29.77	16	30	27	24.3	N. W. 1	N. E. 2	N. E. 3	8	10	Snow	66.4	} 1.00	11th. Wind abated. Cloudy in afternoon.
16	29.59	29.44	29.53	28	29	23	30.0	N. E. 2	N'ly 2	N'ly 3	Snow	Snow	Snow	31.1		Began to snow at 7 P. M., with wind S'ly.
17	29.55	29.58	29.67	16	17	9	14.0	N. W. 2	N. W. 3	N. W. 2	2	0	0	40.9		12th. Pleasant, and mostly clear.
18	29.61	29.43	28.88	7	16	26	16.3	N. W. 2	N. E. 2	N. W. 2	1	Snow	10	72.5	0.62	13th. Pleasant, with appearances of storm in the evening.
S 19	29.00	29.18	29.69	24	23	17	21.3	W'ly 2	N.W'ly 3	N. W. 2	10	5	0	63.0		14th. Appearances of storm in the morning. Evening bright.
20	29.95	29.88	29.90	14	33	29	25.3	N. W. 2	S. W. 2	S'ly 1	3	9	1	43.2		15th. Cloudy. Began to snow from 8 to 9 P. M.
21	29.99	30.04	30.17	24	44	33	33.7	S. W. 2	S. W. 2	S. W. 1	1	0	0	67.9		16th. Gentle snow all day—nearly nine
22	30.08	29.85	29.58	32	45	50	42.3	S'ly 1	S'ly 2	S'ly 4	9	10	Rain	83.0	0.87	inches on the level.
23	29.50	29.34	29.52	45	54	44	47.7	S'ly 1	S. W. 2	W'ly 1	Foggy	10	0	77.5		17th. Cold, with cutting wind from N.W.
24	29.58	29.58	29.68	35	44	33	37.3	N. W. 2	N. W. 2	N. W. 3	2	5	10	62.2	0.10	Evening very clear.
25	29.74	...	30.00	28	...	28	...	N. W. 2	...	N. W. 3	1	...	1	43.3		18th. Clear and cold at sunrise. Began
S 26	30.22	30.20	30.27	22	35	31	29.3	N. W. 2	N. W. 2	N. W. 1	0	0	3	42.2		to snow about noon, and continued. Rain
27	30.22	30.16	30.17	35	50	43	42.7	S. W. 3	S. W. 4	S. W. 2	4	0	5	50.7		and hail in evening. In the morning, wind
28	30.21	30.20	30.30	39	55	37	43.7	S. W. 1	E'ly 1	E'ly 1	10	9	Hazy	58.3		N.W.; went round through W., S., E., and
29	30.29	30.26	30.17	36	44	39	39.7	N. E. 1	N. E. 1	N. E. 2	Foggy	10	Foggy	75.7		N. E., and at 10 P. M. came again to N. W., and grew colder. From 2 to 10 P. M., the barometer fell rapidly to 28.95.
Means	29.86	29.83	29.86	24.2	33.9	28.1	...	1.9	2.1	1.9	5.8	6.4	5.7	57.5	3.54	19th. Rough and cold. About four additional inches of snow on the ground.
								2.0			6.0					20th. Pleasant.
REDUCED TO SEA LEVEL.																21st. Very fine. Diffused aurora in the evening, with faint streamers.
Max.	30.54	30.48	30.51	45	55	50	47.7	Prevailing winds from some point between— Days.			Days.					22d. Occasional light rain through day. Steady rain in the evening.
Min.	29.18	29.36	29.06	—1	6	—1	3.0	N. & E. 6			Clear 5					23d. Variable. Warm for season. Shower from 5 to 6 P. M. Evening clear.
Mean	30.04	30.01	30.04					E. & S. 2			Variable . . . } 15					24th Variable; sunshine and clouds.
Range	1.36	1.12	1.45	46	49	51	44.7	S. & W. 9			Cloudy . . . . }					25th, 26th, and 27th. Pleasant.
Mean of month			30.040	...	...	...	28.7	W. & N. 12			Rain or snow fell on 9					28th. Very mild; cloudy for most part.
Extreme range			1.48	...	...	...	56.0									29th. Cloudy; fog morning and evening.

March, 1860. New Moon, 22d. 8h. 47m. A. M.

	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	Sunrise.	At 2 P. M.	At 10 P. M.	Sunrise.	At 2 P. M.	At 10 P. M.			
1	29.91	29.68	29.59	38	51	53	47.3	N. E. 1	S. by W. 2	S. W. 1	Misty	Rain	10	90.2	0.65	1st. Fog, with warm, southerly rain.
2	29.84	29.66	29.97	46	53	47	48.7	W'ly 2	W by N 2	W'ly 1	0	0	0	60.8		2d. Fine, evening very clear.
3	30.11	29.95	29.62	35	47	48	43.3	N. W. 1	S. W. 3	S. W. 3	2	10	Rain	38.1	0.10	3d. Air raw in afternoon. Began to rain moderately from 8 to 9 P. M.
S 4	29.50	29.48	29.73	42	52	35	43.0	W by N 2	N. W. 3	N. W. 2	0	2	0	32.5		4th. Clear; blustering. Evening splendid.
5	29.84	29.65	29.48	28	45	42	38.3	N. W. 2	S. W. 2	S. W. 2	0	3	0	54.0		5th. Pleasant.
6	29.56	29.73	29.93	32	46	32	36.7	N. W. 2	N. E'ly 2	N. E. 1	0	0	2	52.6		6th. Fine. Air growing hazy at 10 P. M.
7	29.76	29.67	29.67	32	36	36	34.7	S. E'ly 2	S. E. 2	E'ly 2	Snow	Rain	10	62.5	0.25	7th. Snowing at sunrise; turned to rain.
8	29.67	29.65	29.54	37	46	43	42.0	S. W. 1	S. W. 2	S. W. 2	Foggy	10	10	82.9		8th. Cloudy. Light shower in evening.
9	29.26	29.18	29.33	34	41	33	36.0	N. E'ly 3	N'ly 3	N. W. 2	Snow	10	2	77.8		9th. Snow A. M. Clouds broken P. M. Evening clear. Snow disappeared by night.
10	29.36	29.37	29.51	28	35	25	29.3	N. W. 2	N. W. 3	N. W. 1	1	3	0	42.2		10th. Blustering. Evening very clear.
S 11	29.58	29.58	29.79	26	41	32	33.0	S. W. 2	W by N. 3	N. W. 1	3	3	0	41.5		11th. Blustering. Evening still and clear.
12	29.68	29.50	29.55	36	43	39	39.3	S'ly 2	S. E. 4	N'ly 1	10	Rain	Foggy	76.8	0.75	12th. Rain began from 8 to 9 A. M.; continued moderately till towards night. Stars appeared dimly through fog in evening.
13	29.59	29.68	29.63	37	36	38	37.0	N'ly 3	N. E'ly 2	N. E'ly 4	10	Misty	10	73.0		13th. Misty; occasional fine show in air.
14	29.51	29.50	29.79	34	37	36	35.7	N. E. 4	N'ly 3	N. W. 2	10	Misty	1	57.1		14th. Mist; occasional light rain mixed with snow. Clear at 10 P. M.
15	29.94	30.03	30.19	34	52	36	40.7	N. W. 2	S. by E. 2	S. by E. 2	0	0	0	31.6		15th and 16th. Very fine. Sky cloudless.
16	30.25	30.20	30.20	36	48	35	39.7	S'ly 1	S. by E. 3	S'ly 1	0	0	0	60.7		17th. Much overcast through day. Clear
17	30.23	30.17	30.21	32	49	39	40.0	S'ly 1	S. W. 2	W'ly 1	Foggy	8	0	75.8		evening; diffused aurora at the north.
S 18	30.22	30.18	30.10	33	59	40	44.0	E'ly 1	S'ly 1	S'ly 1	1	0	0	59.7		18th. Very fine. Light haze in morning.
19	30.05	29.91	29.83	36	56	38	43.3	N. by E. 2	S. E. 3	E'ly 2	0	0	9	51.4		19th. Very fine day. Evening overcast. Frost out of the ground in most places.
20	29.64	29.42	29.45	38	50	38	42.0	N. by E. 1	S. E. 2	N. W. 1	10	Misty	0	74.4	0.05	20th. Mist; light drizzling rain. Clouds broken at sunset. Very clear at 10 P. M.
21	29.43	29.40	29.42	36	43	28	35.7	N. W. 2	N. W. 3	N. W. 3	0	4	0	68.7		21st. Mostly clear in morning. Cloudy
22	29.36	29.34	29.41	25	28	20	24.3	N. W. 2	N. W. 3	N. W. 2	10	Snow	0	53.7		in afternoon. Clear at 10 P. M.; air raw and blustering.
23	29.41	29.39	29.37	20	43	33	32.0	N. W. 1	N. W. 2	N. W. 2	7	2	3	56.2		22d. Blustering; snow flurries through
24	29.23	29.20	29.35	30	43	31	34.7	W by N. 2	N. W. 3	N. W. 2	2	5	5	40.9		the day. Clear at 10 P. M., and cold.
S 25	29.39	29.39	29.60	29	36	31	32.0	W by N. 2	N. W. 3	N. W. 1	10	10	0	33.2		23d. Variable. The ground hard frozen and white with snow this morning.
26	29.65	29.65	29.75	27	46	33	35.3	N. W. 2	S. W. 3	N. W. 2	0	3	0	42.7		24th. Blustering; sunshine and clouds.
27	29.74	29.73	29.80	30	42	31	34.3	N. W. 2	N. W. 2	N. W. 1	10	5	0	37.6		Evening mostly clear.
28	29.69	29.60	29.55	33	53	40	42.0	S. W. 2	S. W. 4	S. W. 3	0	2	8	34.3		25th. Cloudy through the day. Air very
29	29.54	29.53	29.62	32	47	37	38.7	W. 2	W. by S. 3	S. W. 2	5	7	0	49.3		raw and blustering. Evening clear.
30	29.64	29.60	29.61	33	67	52	50.7	S. W. 1	S. W. 3	S. W. 3	2	0	0	33.2		26th. Very fine. Wind changeable all
31	29.55	29.34	29.40	47	71	55	57.7	S. W. 2	S. W. 4	S. W. 2	1	2	3	74.5		day. Soon after 9 P. M., a bright aurora appeared in the north, with occasional short streamers bristling up from a bank of luminous cloud low down in north. A little past 10, the northern heavens were splendidly lighted up with a reddish-pink light; sky almost cloudless. About 11 P. M., sky wholly overcast; not a star visible.
Means	29.68	29.62	29.68	33.4	46.5	37.3	...	1.8	2.7	1.9	4.7	5.1	3.0	55.5	1.80	
								2.1			4.2					
REDUCED TO SEA LEVEL.																27th. Variable day. Cloudless evening.
Max.	30.43	30.38	30.38	47	71	55	57.7	Prevailing winds from some point between— Days.			Days.					28th. More mild. Mostly clear in the morning. Evening cloudy.
Min.	29.41	29.38	29.51	20	28	20	24.3	N. & E. 3			Clear 12					29th. Pleasant. Evening clear.
Mean	29.86	29.80	29.86					E. & S. 7			Variable . . . } 10					30th. Very warm and summer-like.
Range	1.02	1.00	0.87	27	43	35	33.4	S. & W. 10			Cloudy . . . . }					31st. Dry haze and smoke, without clouds, and a red sun. Air very warm and dry.
Mean of month			29.840	...	...	...	39.1	W. & N. 11			Rain or snow fell on 9					
Extreme range			1.05	...	...	...	51.0									

April, 1860. New Moon, 21d. 0h. 37m. A. M.

DAYS.	BAROMETER, reduced to 32° F. Sunrise.	At 2 P. M.	At 10 P. M.	THERMOMETER. Sunrise.	At 2 P. M.	At 10 P. M.	Daily mean.	WINDS. (Direction and Force.) Sunrise.	At 2 P. M.	At 10 P. M.	WEATHER. (Tenths Cloudy.) Sunrise.	At 2 P. M.	At 10 P. M.	Relative Humidity.	Rain and Snow in Inches of Water.	REMARKS.
S 1	29.34	29.16	29.20	47	68	51	55.3	S. W. 2	S. W. 4	S. W. 2	Hazy	Hazy	Rain	54.5	0.05	1st. Hazy morning. Cloudy afternoon. Moderate rain began at 9 to 10 P. M.
2	29.35	29.43	29.60	29	34	24	29.0	N. W. 3	N. W. 4	N. W. 2	10	0	0	52.4		2d. Cold and blustering. Snow on ground.
3	29.72	29.59	29.54	22	45	39	35.3	N. W. 2	S. W. 3	S. W. 1	5	3	5	54.1		3d. Weather more mild.
4	29.51	29.36	29.29	43	54	47	48.0	S. W. 1	S. E. 2	S. E. 1	Misty	10	Rain	79.8	0.20	4th. Mist; sprinkling. Rain in evening.
5	29.38	29.37	29.50	47	61	47	51.7	W'ly 2	N. W. 3	S. W. 2	Misty	0	2	42.6		5th. Pleasant.
6	29.57	29.60	29.88	41	52	37	43.3	N. W. 2	N. W. 2	N. E. 2	10	Sprin'le	10	66.3	0.30	6th. Clouds and mist. Heavy shower of rain and hail from 4 to 5 P. M.
7	29.98	29.99	30.01	35	53	37	41.7	N. W. 2	S. W'ly 2	S'ly 2	0	2	7	54.5		7th. Air raw and chilly.
S 8	29.96	29.78	29.70	40	45	52	45.7	S'ly 2	S. E. 3	S. E'ly 2	10	Rain	Misty	81.3	0.50	8th. Began to rain at 9 A. M., and continued moderately through the day.
9	29.62	29.62	29.88	48	51	44	47.7	N. E'ly 1	N'ly 2	N'ly 2	Foggy	Misty	10	79.1		9th. Mist and moderate rain.
10	29.99	29.91	29.66	41	43	41	41.7	N. E. 3	N. E. 2	E'ly 2	10	Rain	10	54.5		10th. Mist; occasional sprinkling of rain.
11	29.51	29.50	29.75	43	47	44	44.7	W'ly 2	N. W. 2	N. W. 2	Sprin'le	10	9	62.7		11th. Mist with occasional sprinkling of rain. Stars out in the evening.
12	29.83	29.75	29.71	39	60	46	48.3	N. W. 1	N. W. 2	S. W. 2	0	1	10	41.0		12th. Very fine. Evening cloudy.
13	29.57	29.55	29.79	42	52	42	45.3	S. W. 2	N. W. 3	N. W. 2	3	4	0	31.7		13th. Blustering at noon. Evening clear.
14	29.56	29.51	29.79	42	42	30	38.0	W N W 3	N. W. 2	N. W. 2	2	9	0	45.0		Aurora from 10 to 11 P. M. From 8 to 9 P. M., a massive bank of white light from N. W. to N. E. About 10, streamers began
S 15	29.91	29.89	30.08	26	42	34	34.0	N. W. 2	N. W. 3	N. W. 1	0	0	0	21.4		to shoot up, and soon after Merry Dancers
16	30.11	30.06	29.85	30	45	42	39.0	N. W. 1	S. W. 3	S. E'ly 2	1	10	Rain	72.6	0.40	played brilliantly all over the northern
17	29.66	29.60	29.83	42	64	51	52.3	S. E'ly 1	S. W. 2	N. W. 1	10	2	0	76.2	0.10	heavens. This imposing display lasted till
18	30.13	30.19	30.27	39	51	41	43.7	N. W. 3	N. W. 4	N. W. 1	0	0	0	17.3		near midnight.
19	30.27	30.18	30.01	36	53	47	45.3	N. W. 2	S. E'ly 3	S. W. 1	0	1	1	36.8		14th. Extremely blustering in morning.
20	29.85	29.62	29.64	47	67	52	55.3	S. W. 1	S. W. 2	S. W. 1	7	10	10	65.2		Rain from 10 A. M. to noon. Evening very clear, and cold for the season.
21	29.50	29.55	29.71	52	48	40	46.7	N. E. 2	N. E. 3	N. E. 2	9	10	10	47.9		15th. Blustering, cold, and wintry. The
S 22	29.67	29.62	29.66	40	53	44	45.7	N'ly 1	E'ly 2	S. W'ly 2	10	2	10	54.0		ground hard frozen this morning. Evening
23	29.61	29.59	29.55	43	60	50	51.0	W'ly 2	S. byE. 3	S. E'ly 1	0	10	7	65.3		nearly cloudless.
24	29.55	29.59	29.61	45	62	35	47.3	N.byE. 2	N. W. 2	N. W. 3	10	3	0	36.4		16th. Hazy morning. Rain in afternoon.
25	29.59	29.52	29.56	33	47	36	38.7	N. W. 2	S. W'ly 3	S. W. 2	0	Sprin'le	10	42.5		17th. Showery from 7 to 10 A. M. Clouds broken at noon. Clear evening.
26	29.51	29.56	29.89	32	52	41	41.7	N.byW 2	N. W. 3	N. W. 2	8	10	0	46.4		18th. Very clear. Light clouds in S. W.
27	29.87	29.88	30.01	38	58	45	47.0	N. W. 2	N. W. 3	N. W. 1	0	2	0	34.4		19th. Pleasant.
28	30.07	30.03	30.05	40	59	44	47.7	W byN 1	S. E. 3	S'ly 2	1	2	3	51.1		20th. Very mild. Cloudy for most part.
S 29	30.03	29.98	29.99	42	60	44	48.7	N. E. 1	S. E. 3	N. W. 2	2	2	3	34.3		21st. Light rain at intervals in morning.
30	29.96	29.96	29.96	40	58	39	45.7	N. E. 2	N. E. 4	N. E. 2	1	1	0	46.7		22d. Cloudy for the most part.
																23d. Variable and mild.
																24th. Sprinkling in morning; cleared before noon. Evening blustering and very clear. Occultation of Venus by the moon.
Means	29.74	29.67	29.76	39.5	52.8	42.2	...	1.8	2.7	1.7	5.3	5.8	5.2	51.6	1.55	25th Variable; mostly cloudy. Thick, heavy shower of snow at 6 P. M. Thermometer 31° at 5 A. M.
									2.1			5.4				26th. Variable; blustering and cold. Air filled with snow several times during morning. Evening very clear.
REDUCED TO SEA LEVEL.								Prevailing winds from some point between— Days.			Days.					27th. Fine. Evening cloudless.
Max.	30.45	30.37	30.45	52	68	52	55.3	N. & E. 4			Clear 6					28th. Pleasant.
Min.	29.52	29.34	29.38	22	42	24	29.0	E. & S. 7			Variable . . . } 11					29th. Pleasant. Fog-bow around moon.
Mean	29.92	29.85	29.94					S. & W. 7			Cloudy . . . }					30th. Mostly clear, with the air raw and cold for the season.
Range	0.93	1.03	1.07	30	26	28	26.3	W. & N. 12			Rain fell on . . 13					
Mean of month			29.903	...	...	...	44.8									
Extreme range			1.07	...	...	...	46.0									

May, 1860. New Moon, 20d. 1h. 38m. P. M.

	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.	Daily mean.	At 6 A. M.	At 2 P. M.	At 10 P. M.	At 6 A. M.	At 2 P. M.	At 10 P. M.			
1	29.94	29.90	29.93	39	59	44	47.3	N. E. 2	N. E. 3	N. E. 2	10	4	10	70.0		1st. Variable; air raw and damp.
2	29.87	29.93	...	43	61	...	...	N. E. 3	N. E. 3	...	10	4	0	56.2		2d. Variable. Evening clear.
3	...	29.85	29.80	...	63	50	...	...	N'ly 2	N. E. 1	...	10	10	27.2		3d. Cloudy for the most part.
4	29.71	29.66	29.70	45	66	52	54.3	N. E. 1	N. E. 3	N. E. 1	5	2	0	59.7		4th. Variable. Evening clear.
5	29.70	29.67	29.78	48	76	55	59.7	N. E. 2	N. E. 3	S. E. 1	1	2	1	49.7		5th. Very warm. Air hazy; no clouds.
S 6	29.76	29.74	29.76	51	76	54	60.3	N. E. 2	S. E. 2	S'ly 1	Hazy	0	5	48.1		6th. Warm. Air hazy, with thin clouds in the afternoon and evening.
7	29.62	29.70	29.91	52	65	51	56.0	S. E'ly 1	N. E. 2	N. E. 1	5	5	10	61.0		7th. Hazy. Overcast in the evening.
8	29.93	29.90	29.96	50	60	53	54.3	N. E. 2	S. E. 2	S. E. 1	10	10	10	54.7		8th. Cloudy for the most part. Sun visible at intervals. Occasional sprinkling of rain.
9	29.91	29.96	30.00	52	58	53	54.3	E'ly 1	S. E. 2	S. E'ly 1	10	10	10	57.4		9th. Cloudy; air damp. Appearances of rain.
10	30.03	30.05	30.12	52	68	52	57.3	E'ly 1	S. by E. 3	S. E. 1	10	9	1	55.5		10th. Cloudy in morning. Clouds broken in afternoon. Evening clear.
11	30.11	30.14	30.16	49	69	53	57.0	E'ly 2	S. by E. 3	S'ly 1	5	0	0	69.2		11th. Very fine. Ground extremely dry for the season.
12	30.10	30.08	30.04	50	73	58	60.3	S. W. 1	S. W. 3	S. W. 1	0	3	5	65.5		12th. Warm. Clear in morning. Haze and clouds in afternoon and evening.
S 13	30.53	29.79	29.76	58	75	57	63.3	S. W. 2	S'ly 3	S. W. 1	4	1	0	64.3		13th. Very warm. Still and cloudless in the evening.
14	29.67	29.65	29.76	64	58	47	56.3	N'ly 1	N. E. 4	E'ly 2	5	10	7	74.9		14th. Cloudy through the day. A few drops of rain between noon and 1 P. M. Stars appearing in the evening.
15	29.71	29.77	29.80	45	63	47	51.7	N. E. 2	N. by E. 3	S. E. 2	3	5	5	69.3		
16	29.79	29.87	30.01	46	62	45	54.3	S. E. 1	S. E. 3	S. E'ly 1	5	3	2	40.3		
17	30.07	30.06	30.08	43	62	48	54.3	N'ly 1	S. E. 3	S. E'ly 2	0	0	0	40.3		
18	29.99	29.00	29.73	47	63	56	55.3	S'ly 1	S. E'ly 3	S'ly 1	10	10	Foggy	74.4		15th. Variable. Air very hazy, giving a red appearance to the sun and moon.
19	29.52	29.26	29.24	59	66	59	61.3	S. by E. 3	S. by E. 3	S. W. 3	Rain	5	0	79.2	0.22	
S 20	29.22	29.42	29.70	58	62	49	56.3	W. byS. 4	N. W. 4	N. W. 1	2	1	0	43.9		16th. Hazy in morning; sun red. Very raw in the afternoon and evening.
21	29.83	29.81	29.81	43	45	42	43.3	N. W. 1	E. 2	E'ly 1	0	Rain	10	67.2	} 0.33	17th. Pleasant. Air hazy; no clouds.
22	29.69	29.75	29.80	46	53	48	49.0	N. E'ly 2	N. 2	E'ly 1	Rain	10	Foggy	73.6		18th. Cloudy, with appearance of rain in the evening.
23	29.80	29.80	29.86	51	69	51	57.0	N. E. 1	N. by E. 2	S'ly 1	Foggy	1	0	56.7		19th. Moderate rain in morning. Clouds broken at 1 P. M. Evening very clear.
24	29.88	29.88	29.90	46	64	51	53.7	N by W. 1	S. by E. 2	S. by E. 2	1	8	0	64.7		20th. Very blustering. Air extremely dry in the afternoon and evening.
25	29.90	29.74	29.74	49	58	59	55.3	N. W. 1	S. E'ly 3	S'ly 1	0	5, Sh'r	0	92.1		
26	29.70	29.70	29.69	58	64	50	57.3	N. by E. 2	N. E. 3	N. E. 1	2	10	Rain	73.7	0.40	21st. Cold and raw; occasional light rain.
S 27	29.67	29.60	29.69	51	59	51	53.7	N. E. 2	N. E. 2	N. E. 2	10	10	10	69.9		22d. Moderate rain last night. Occasional light rain in the morning.
28	29.65	29.63	29.73	51	62	49	54.0	N. E. 2	N. E. 2	N. E. 1	10	8	0	57.1		23d. Very fine after 10 A. M. Evening still and cloudless.
29	29.79	29.82	29.90	49	76	55	60.0	N. N. E. 2	N. E. 2	S'ly 1	2	0	1	52.8		24th. Heavy clouds at mid-day, with some drops of rain. Cloudless and splendid in the evening.
30	29.88	29.89	29.80	54	68	54	58.7	S. by W. 2	S. E. 3	S. E. 2	0	0	Sprin'le	64.6		
31	29.68	29.60	29.57	56	65	60	60.3	S. 2	S'ly 3	S. W. 1	Rain	Misty	Foggy	85.6	0.70	25th. Very clear in the morning. Heavy clouds in afternoon. Light shower at 5½ P. M. Evening still and cloudless.
Means	29.49	29.76	29.82	50.2	62.5	51.8	...	1.7	2.7	1.3	5.7	5.4	4.8	61.9	1.65	26th. Variable. Cloudy in the afternoon. Rain at 8 P. M.
									1.9			5.3				27th. Cloudy.
REDUCED TO SEA LEVEL.								Prevailing winds from some point between— Days.			Days.					28th. Cloudy A. M. Evening very clear.
Max.	30.71	30.26	30.08	64	76	60	63.3									29th. Very fine.
Min.	29.40	29.44	29.42	39	45	42	43.3	N. & E. 15			Clear 7					30th. Clear in morning. Cloudy in afternoon, and shower in evening.
Mean	29.67	29.94	30.00					E. & S. 12			Variable . . . } 16					31st. Rain in morning, mist and fog in afternoon and evening.
Range	1.31	0.82	0.66	25	31	18	20.0	S. & W. 3			Cloudy . . . }					
Mean of month			29.870	...	...	...	54.8	W. & N. 1			Rain fell on . . 8					
Extreme range			1.31	...	...	...	37.0									

SUMMARIES

OF THE

METEOROLOGICAL REGISTER, PROVIDENCE, R. I.

SUMMARIES.

TABLE I.

MONTHLY AND ANNUAL MEAN HEIGHT OF THE BAROMETER.

Reduced to the Sea Level, and to the Temperature of 32° Fahr.

YEARS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.	MEAN FOR THE YEAR.
1831	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	29.967	. . .
1832	29.991	30.087	29.943	29.885	29.887	29.847	29.823	29.937	29.933	30.010	29.920	29.890	29.929
1833	29.910	29.913	29.943	29.930	29.993	29.837	29.943	29.967	30.027	29.970	30.020	30.080	29.961
1834	30.150	30.037	30.057	29.980	29.920	29.803	29.943	29.883	30.027	30.043	29.923	30.093	30.072
1835	30.007	30.007	29.963	29.827	29.880	29.890	29.897	29.907	29.987	30.060	29.953	29.947	29.944
1836	29.917	29.990	30.017	30.053	29.990	30.003	29.913	29.983	30.023	29.933	29.933	30.067	29.985
1837	29.673	29.833	30.097	29.753	29.933	29.837	29.847	29.883	30.063	30.033	29.917	29.943	29.901
1838	30.050	29.817	29.957	29.843	29.810	29.850	29.867	29.910	30.003	29.867	30.037	29.903	29.910
1839	29.993	30.043	29.933	29.917	30.070	30.060	30.130	30.133	30.093	30.257	30.127	29.713	30.039
1840	29.940	30.067	29.803	30.033	29.877	29.877	29.933	29.930	30.003	29.967	29.880	29.967	29.940
1841	30.023	29.827	29.937	29.913	29.853	29.857	29.897	30.023	29.920	29.900	29.857	29.923	29.911
1842	29.933	29.933	29.950	29.930	29.870	29.930	29.973	30.040	29.943	29.970	29.980	29.980	29.953
1843	30.037	29.870	29.827	29.907	29.917	29.887	29.897	29.967	29.977	29.850	29.983	29.963	29.924
1844	29.877	30.003	29.960	30.120	29.913	29.930	29.853	29.877	29.980	29.963	29.890	29.837	29.934
1845	29.897	29.883	29.910	29.893	29.880	29.877	29.753	29.947	29.903	30.070	29.793	29.930	29.895
1846	29.837	29.910	29.877	30.020	29.847	. . .	29.957	29.997	30.020	30.110	30.023	29.960	29.960
1847	30.070	29.986	29.983	29.970	29.980	29.920	29.980	30.000	29.953	30.080	30.043	30.063	30.002
1848	30.087	29.850	29.983	30.030	29.853	29.837	29.950	30.040	29.910	29.947	30.040	30.050	29.962
1849	30.080	30.133	30.030	29.937	30.017	29.980	30.053	29.990	30.037	29.963	29.943	29.977	30.012
1850	30.067	29.900	29.863	29.913	29.893	29.967	29.967	29.920	29.983	29.900	29.987	29.963	29.944
1851	29.997	30.153	29.977	29.893	30.003	29.933	29.867	30.003	30.107	29.963	29.933	29.970	29.983
1852	29.867	29.877	29.967	29.693	29.950	29.883	29.957	29.990	30.037	30.000	29.920	29.997	29.928
1853	29.943	29.940	29.830	29.933	29.943	30.027	29.987	29.960	29.990	29.977	30.203	29.873	29.884
1854	30.057	30.030	29.883	29.970	29.947	29.903	30.003	29.990	30.063	30.090	29.859	29.863	29.972
1855	30.090	29.887	29.840	29.943	29.917	29.867	29.987	30.027	30.067	29.880	30.040	29.983	29.961
1856	29.893	29.713	29.797	29.943	29.870	29.900	29.937	29.857	29.983	30.020	29.993	29.943	29.821
1857	29.993	30.157	29.907	29.823	29.917	29.773	29.970	29.947	30.047	29.950	29.953	29.987	29.953
1858	30.067	29.953	29.837	29.887	29.990	29.963	29.977	30.000	30.047	30.057	29.887	30.093	29.980
1859	30.110	29.977	29.860	29.823	30.077	30.007	29.987	29.993	30.006	29.931	29.936	30.041	29.985
1860	30.065	30.040	29.840	29.903	29.870	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
MEANS	29.987	29.959	29.923	29.920	29.902	29.905	29.902	29.968	30.003	29.988	29.963	29.964	29.959

TABLE II.

MONTHLY AND ANNUAL MEAN HEIGHT OF BAROMETER AT SUNRISE, OR 6 A. M.; 1 OR 2 P. M.; AND 10 P. M.

29 inches must be added to each entry to make the full height.

YEARS.	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.		
	Sun-rise.	1 to 2 P. M.	10 P. M.	Sun-rise.	1 to 2 P. M.	10 P. M.	Sun-rise.	1 to 2 P. M.	10 P. M.	6 A. M.	1 to 2 P. M.	10 P. M.	6 A. M.	1 to 2 P. M.	10 P. M.	6 A. M.	1 to 2 P. M.	10 P. M.	6 A. M.	1 to 2 P. M.	10 P. M.
1831	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
1832	0.97	0.99	1.02	1.09	1.09	1.18	0.96	0.93	0.94	0.88	0.88	0.88	0.89	0.86	0.91	0.86	0.82	0.86	0.83	0.81	0.83
1833	0.92	0.90	0.93	0.92	0.89	0.93	0.96	0.92	0.95	0.94	0.91	0.94	1.01	0.97	1.00	0.85	0.81	0.85	0.97	0.91	0.95
1834	1.17	1.12	1.16	1.05	1.02	1.04	1.09	1.03	1.05	1 00	0.97	0.97	0.92	0.90	0.94	0.81	0.78	0.82	0.95	0.94	0.94
1835	1.01	1.00	1.01	1.01	0.99	1.02	0.96	0.95	0.98	0.83	0.81	0.84	0.89	0.86	0.89	0.90	0.87	0.90	0.90	0.89	0.90
1836	0.96	0.92	0.87	1.01	0.98	0.98	1.02	1.01	1.02	1.05	1.05	1.06	0.99	0.98	1.00	1.01	0.99	1.01	0.92	0.91	0.91
1837	0.68	0.65	0.69	0.86	0.78	0.86	1.11	1.09	1.09	0.75	0.72	0.79	0.93	0.92	0.95	0.85	0.82	0.84	0.85	0.84	0.85
1838	1.08	1.02	1.05	0.82	0.80	0.83	0.96	0.95	0.96	0.85	0.83	0.85	0.81	0.80	0.82	0.86	0.84	0.85	0.87	0.86	0.87
1839	1.01	0.98	0.99	1.07	1.03	1.03	0.93	0.92	0.95	0.93	0.90	0.92	1.07	1.07	1.07	1.06	1.04	1.08	1.14	1.12	1.13
1840	0.95	0.92	0.95	1.08	1.06	1.06	0.81	0.81	0.79	1.05	1.02	1.03	0.87	0.88	0.87	0.88	0.87	0.88	0.93	0.94	0.93
1841	1.05	1.02	1.01	0.83	0.79	0.83	0.96	0.90	0.95	0.90	0.92	0.92	0.85	0.83	0.88	0.87	0.84	0.86	0.90	0.90	0.89
1842	0.96	0.91	0.93	0.94	0.93	0.93	0.97	0.92	0.96	0.94	0.93	0.92	0.88	0.85	0.88	0.93	0.93	0.93	0.98	0.97	0.97
1843	1.05	1.04	1.02	0.89	0.84	0.88	0.83	0.80	0.85	0.92	0.89	0.91	0.94	0.89	0.92	0.90	0.87	0.89	0.90	0.89	0.90
1844	0.93	0.80	0.90	1.01	0.98	1.02	0.96	0.95	0.97	1.13	1.11	1.12	0.93	0.90	0.91	0.94	0.92	0.93	0.87	0.84	0.85
1845	0.88	0.89	0.92	0.90	0.87	0.88	0.91	0.88	0.94	0.90	0.88	0.90	0.89	0.87	0.88	0.89	0.86	0.88	0.77	0.74	0.75
1846	0.86	0.81	0.84	0.94	0.88	0.91	0.89	0.85	0.89	1.05	1.00	1.01	0.86	0.83	0.85	. .	. .	. .	0.96	0.95	0.96
1847	1.10	1.06	1.05	1.01	0.98	0.97	0.98	0.98	0.99	0.99	0.94	0.98	0.99	0.96	0.99	0.94	0.89	0.93	0.97	0.98	0.99
1848	1.13	1.04	1.09	0.87	0.82	0.86	1.00	0.96	0.99	1.06	1.01	1.05	0.86	0.83	0.87	0.84	0.83	0.84	0.97	0.93	0.95
1849	1.11	1.05	1.07	1.15	1.11	1.14	1.05	1.01	1.03	0.95	0.92	0.94	1.03	1.00	1.02	1.00	0.96	0.98	1.06	1.03	1.07
1850	1.09	1.05	1.06	0.90	0.88	0.92	0.87	0.84	0.88	0.93	0.88	0.93	0.91	0.87	0.90	0.99	0.94	0.97	0.98	0.95	0.97
1851	1.00	0.98	1.01	1.19	1.12	1.15	0.99	0.96	0.98	0.91	0.88	0.89	1.02	0.98	1.01	0.96	0.90	0.94	0.86	0.86	0.88
1852	0.88	0.85	0.87	0.90	0.85	0.88	1.00	0.95	0.95	0.70	0.68	0.70	0.96	0.94	0.95	0.90	0.86	0.89	0.97	0.94	0.96
1853	0.97	0.93	0.93	0.98	0.91	0.93	0.85	0.80	0.84	0.95	0.91	0.94	0.96	0.93	0.94	1.04	1.01	1.03	1.00	0.97	0.99
1854	1.08	1.02	1.07	1.04	1.02	1.03	0.91	0.86	0.88	0.99	0.94	0.98	0.96	0.93	0.95	0.92	0.89	0.90	1.01	0.99	1.01
1855	1.06	1.10	1.11	0.89	0.86	0.91	0.87	0.81	0.84	0.96	0.91	0.96	0.92	0.90	0.93	0.87	0.85	0.88	1.00	0.97	0.99
1856	0.91	0.87	0.90	0.74	0.67	0.73	0.81	0.77	0.81	0.97	0.92	0.94	0.88	0.84	0.89	0.91	0.88	0.91	0.94	0.93	0.94
1857	1.02	0.97	0.99	1.16	1.13	1.18	0.91	0.88	0.93	0.84	0.80	0.83	0.93	0.90	0.92	0.78	0.76	0.78	0.97	0.96	0.98
1858	1.09	1.03	1.08	0.97	0.93	0.96	0.83	0.81	0.87	0.91	0.86	0.89	0.99	0.97	1.01	0.97	0.95	0.97	0.98	0.96	0.99
1859	1.14	1.07	1.12	1.00	0.97	0.96	0.88	0.83	0.87	0.84	0.79	0.84	1.08	1.06	1.09	1.01	0.99	1.02	0.99	0.98	0.99
1860	1.07	1.04	1.09	1.04	1.01	1.04	0.86	0.80	0.86	0.92	0.85	0.94	0.67	0.94	1.00	. .	. .	. .	. .	. .	. .
MEANS	1.004	0.966	0.991	0.974	0.938	0.963	0.936	0.916	0.931	0.932	0.903	0.926	0.927	0.912	0.939	0.916	0.888	0.912	0.941	0.927	0.941
	0.987			0.958			0.928			0.920			0.926			0.905			0.936		

TABLE II—Concluded.

MONTHLY AND ANNUAL MEAN HEIGHT OF BAROMETER AT SUNRISE, OR 6 A. M.; 1 OR 2 P. M.; AND 10 P. M.

29 inches must be added to each entry to make the full height.

YEARS.	AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.			FOR THE YEAR.		
	6 A. M.	1 to 2 P. M.	10 P. M.	6 A. M.	1 to 2 P. M.	10 P. M.	Sun-rise.	1 to 2 P. M.	10 P. M.	Sun-rise.	1 to 2 P. M.	10 P. M.	Sun-rise.	1 to 2 P. M.	10 P. M.	Sun-rise.	1 to 2 P. M.	10 P. M.
1831	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	0.97	0.92	1.01	. .	. .	. .
1832	0.94	0.93	0.94	0.95	0.92	0.93	1.02	1.00	1.01	0.93	0.91	0.92	0.93	0.92	0.95	0.938	0.922	0.947
1833	0.97	0.96	0.97	1.04	1.00	1.04	0.99	0.94	0.98	1.03	1.02	1.01	1.09	1.06	1.09	0.974	0.941	0.973
1834	0.89	0.87	0.89	1.03	1.01	1.04	1.07	1.02	1.04	0.94	0.91	0.92	1.01	0.96	1.01	0.994	0.961	0.985
1835	0.91	0.90	0.91	0.99	0.97	1.00	1.07	1.04	1.07	0.98	0.93	0.95	0.97	0.93	0.94	0.952	0.920	0.951
1836	0.99	0.98	0.98	1.03	1.01	1.03	0.95	0.90	0.95	0.95	0.92	0.93	1.08	1.04	1.08	0.997	0.974	0.985
1837	0.88	0.88	0.89	1.07	1.06	1.06	1.05	1.00	1.05	0.92	0.92	0.91	0.96	0.91	0.96	0.909	0.883	0.912
1838	0.91	0.90	0.92	1.00	0.99	1.02	0.88	0.84	0.88	1.04	1.01	1.06	0.90	0.88	0.93	0.923	0.893	0.920
1839	1.14	1.13	1.13	1.10	1.08	1.10	1.27	1.25	1.25	1.13	1.11	1.14	0.92	0.86	0.90	1.064	1.041	1.058
1840	0.94	0.93	0.92	1.01	0.98	1.02	0.99	0.96	0.98	0.89	0.87	0.88	0.97	0.96	0.97	0.947	0.933	0.957
1841	1.02	1.01	1.05	0.93	0.91	0.92	0.88	0.89	0.93	0.87	0.84	0.86	0.93	0.93	0.91	0.916	0.898	0.918
1842	1.05	1.05	1.02	0.97	0.91	0.95	0.99	0.94	0.98	1.00	0.96	0.98	0.99	0.96	0.99	0.967	0.938	0.953
1843	0.98	0.95	0.97	0.98	0.96	0.99	0.87	0.81	0.87	1.01	0.96	0.98	0.99	0.94	0.96	0.938	0.962	0.928
1844	0 88	0.86	0.89	1.00	0.96	0.98	0.98	0.94	0.97	0.91	0.88	0.88	0.84	0.84	0.83	0.940	0.915	0.938
1845	0.96	0.92	0.96	0.91	0.92	0.88	1.09	1.05	1.07	0.80	0.75	0.83	0.94	0.91	0.94	0.903	0.878	0.902
1846	1.01	0.99	0.99	1.04	1.00	1.02	1.14	1.08	1.11	1.03	1.00	1.04	0.98	0.94	0.96	0.978	0.939	0.962
1847	1.01	0.99	1.00	0.98	0.91	0.97	1.11	1.04	1.09	1.07	1.01	1.05	1.07	1.05	1.07	1.018	0.983	1.007
1848	1.03	1.01	1.08	0.92	0.89	0.92	0.98	0.92	0.94	1.06	1.00	1.06	1.08	1.03	1.04	0.983	0.939	0.974
1849	1.00	0.98	0.99	1.05	1.02	1.04	0.97	0.93	0.99	0.97	0.92	0.94	1.01	0.96	0.96	1.029	0.991	1.014
1850	0.93	0.91	0.92	1.00	0.94	1.01	0.92	0.87	0.91	1.00	0.97	0.99	0.97	0.93	0.99	0.958	0.919	0.954
1851	1.02	0.99	1.00	1.12	1.08	1.12	0.98	0.94	0.97	0.95	0.91	0.94	0.99	0.95	0.97	0.999	0.963	0.997
1852	1.00	0.97	1.00	1.05	1.02	1.04	1.03	0.98	0.99	0.94	0.89	0.93	0.99	1.00	0.99	0.943	0.903	0.889
1853	0.97	0.95	0.96	1.00	0.98	0.99	1.00	0.95	0.98	1.22	1.18	1.21	0.90	0.84	0.88	0.987	0.947	0.960
1854	1.01	0.97	0.99	1.07	1.05	1.07	1.14	1.05	1.08	0.87	0.82	0.88	0.87	0.83	0.89	0.989	0.948	0.978
1855	1.04	1.02	1.02	1.08	1.04	1.08	0.89	0.85	0.90	1.04	1.03	1.05	1.00	0.97	0.98	0.968	0.943	0.968
1856	0.86	0.84	0.87	1.00	0.97	0.98	1.03	1.00	1.03	1.01	0.96	1.01	0.96	0.93	0.94	0.902	0.882	0.913
1857	0.95	0.95	0.94	1.05	1.03	1.06	0.96	0.93	0.96	0.97	0.93	0.96	1.00	0.95	1.01	0.962	0.933	0.962
1858	0.99	0.99	1.02	1.05	1.02	1.07	1.07	1.02	1.08	0.90	0.86	0.90	1.11	1.08	1.09	0.988	0.957	0.994
1859	1.01	0.97	1.00	1.01	0.99	1.03	0.95	0.89	0.95	1.13	1.08	1.13	1.04	1.02	1.06	1.007	0.970	1.005
1860	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
MEANS	0.975	0.955	0.972	1.015	0.976	1.013	1.009	0.965	1.000	0.984	0.948	0.994	0.981	0.948	0.976	0.967	0.938	0.962
	0.967			1.001			0.991			0.975			0.968			0.956		

TABLE III.

MONTHLY AND ANNUAL MEAN TEMPERATURES.

YEARS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.	MEAN FOR THE YEAR.
1831	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	18.2	. .
1832	28.2	27.6	35.4	40.8	54.2	62.4	64.4	68.4	60.3	51.4	40.8	31.0	47.08
1833	31.8	26.1	31.7	48.3	59.1	62.8	70.1	66.7	61.8	50.7	37.5	30.7	48.11
1834	23.3	33.0	36.1	46.7	52.8	63.6	73.1	69.3	62.8	48.1	37.7	27.5	47.83
1835	25.9	23.5	30.2	41.1	54.9	64.9	71.1	67.9	57.4	54.5	37.7	22.1	45.98
1836	25.4	18.5	30.0	43.1	54.9	59.9	69.5	65.2	60.6	44.6	35.4	28.3	44.62
1837	21.3	24.7	30.3	43.7	54.1	64.2	67.9	65.9	58.1	48.3	39.2	28.2	45.50
1838	32.5	17.9	35.1	40.8	53.5	68.4	75.0	71.0	62.0	47.5	35.3	26.1	47.09
1839	26.3	27.9	34.9	46.7	56.0	62.2	71.7	67.9	62.5	51.5	37.1	30.6	47.94
1840	18.6	32.9	36.0	47.8	57.3	66.6	72.2	71.0	59.4	51.3	39.2	27.7	48.32
1841	30.5	25.1	35.1	42.2	54.1	67.9	70.3	69.2	63.3	45.8	37.5	32.8	47.82
1842	30.9	34.4	39.7	46.3	53.8	64.1	72.9	68.5	60.0	51.0	38.6	29.2	49.12
1843	34.2	22.4	28.7	45.3	54.6	64.5	68.9	69.9	61.3	49.2	37.7	31.1	47.32
1844	20.4	28.2	36.3	50.6	58.5	64.7	68.6	68.1	59.8	50.0	39.3	32.8	48.09
1845	30.7	28.5	36.8	44.6	54.3	64.7	69.1	68.4	57.9	50.8	42.5	24.9	47.77
1846	27.3	21.7	35.6	46.3	53.3	60.6	67.4	71.3	66.2	50.3	44.7	29.8	47.87
1847	29.4	28.8	32.4	43.0	54.3	65.8	72.4	69.2	62.5	50.0	46.1	37.6	49.29
1848	32.3	27.4	34.3	46.8	58.9	66.1	70.2	76.2*	59.7	51.3	37.8	37.3	49.86
1849	24.5	22.4	37.0	43.7	54.2	67.5	71.7	70.6	60.5	50.9	47.5	31.2	48.48
1850	30.5	32.2	34.0	43.1	52.3	67.2	72.4	67.8	60.7	52.9	43.5	29.3	48.99
1851	29.8	32.1	38.5	46.3	56.4	64.2	70.6	67.7	61.0	52.5	36.9	25.5	48.46
1852	23.9	28.6	34.8	41.8	57.1	67.7	72.4	66.6	62.6	52.4	39.6	37.8	48.94
1853	28.3	30.5	36.0	44.4	57.0	66.9	70.6	69.2	62.5	49.4	42.6	28.6	48.83
1854	26.4	25.6	33.1	42.9	57.7	65.9	72 9	68.6	61.4	52.9	40.7	26.5	47.88
1855	30.0	22.1	32.6	44.1	54.5	65.2	72.9	67.9	61.9	52.4	42.0	32.2	48.15
1856	18.6	22.7	27.8	46.5	53.5	67.7	72.1	69.8	63.2	50.2	39.4	25.5	46.83
1857	16.3	32.7	32.2	40.1	52.8	62.0	69.9	66.8	68.3	50.5	42.3	34.6	47.38
1858	33.1	24.5	32.8	46.2	53.3	67.7	69.8	66.4	62.2	54.2	37.2	32.1	48.29
1859	33.1	24.5	32.8	44.2	55.9	63.7	69.2	69.2	59.6	48.0	43.3	28.4	47.66
1860	30.6	28.7	39.1	44.8	54.8	. .	. .	. .	. .	. .	. .	. .	. .
MEANS	27.38	26.73	34.46	44.91	55.17	64.97	70.69	68.74	61.41	50.45	39.98	33.02	48.19

* 13 days omitted.

TABLE IV.

MONTHLY AND ANNUAL MEAN TEMPERATURES AT THE THREE HOURS OF DAILY OBSERVATION, VIZ: SUNRISE, OR 6 A. M.; 1 OR 2 P. M.; AND 10 P. M.

YEARS.	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.		
	Sun-rise.	1 to 2 P. M.	10 P. M.	Sun-rise.	1 to 2 P. M.	10 P. M.	Sun-rise.	1 to 2 P. M.	10 P. M.	6 A. M.	1 to 2 P. M.	10 P. M.	6 A. M.	1 to 2 P. M.	10 P. M.	6 A. M.	1 to 2 P. M.	10 P. M.	6 A. M.	1 to 2 P. M.	10 P. M.
1831	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
1832	23.3	34.8	26.5	23.9	32.4	26.5	29.8	42.6	33.7	35.1	48.0	39.3	47.4	60.5	49.4	55.5	71.8	60.0	59.2	70.1	64.0
1833	29.0	36.7	29.8	19.9	30.4	28.0	26.1	39.3	29.9	40.5	59.5	44.9	53.2	67.9	56.2	57.2	72.1	59.0	64.5	78.6	67.3
1834	19.5	28.0	22.6	28.2	38.7	32.0	30.3	43.5	34.4	40.6	55.2	44.3	46.3	61.6	50.5	57.6	72.1	62.1	67.4	81.2	70.8
1835	22.2	30.6	24.7	19.6	28.4	22.3	25.6	37.8	27.2	36.7	50.4	40.3	47.9	62.9	52.6	59.1	71.2	59.9	65.5	78.7	69.1
1836	22.5	29.7	24.0	13.7	24.5	17.4	24.9	36.6	28.3	36.9	51.3	51.0	48.8	64.7	51.2	54.5	67.8	57.5	64.6	76.3	67.5
1837	16.7	26.7	20.5	21.3	29.7	23.5	25.4	36.4	29.1	37.6	52.0	41.4	47.7	63.4	51.3	58.7	72.4	61.4	62.4	76.1	65.1
1838	28.6	38.0	30.9	12.3	24.4	17.0	30.1	42.4	32.7	34.3	49.2	39.3	47.0	62.5	50.9	63.6	77.2	69.4	69.4	83.7	71.9
1839	22.0	32.5	24.7	23.9	33.0	26.8	29.3	42.6	32.7	40.5	55.6	44.1	50.6	64.5	52.9	56.7	70.3	54.5	67.1	78.5	69.3
1840	14.5	23.9	17.5	28.5	38.1	32.0	30.9	42.7	34.4	41.1	57.2	45.0	53.2	66.2	52.4	61.0	75.0	63.9	67.4	79.8	69.4
1841	27.2	34.4	30.0	20.2	32.2	22.9	29.5	42.3	33.4	37.5	48.7	40.4	48.2	63.2	51.0	61.8	76.1	65.8	64.8	78.2	67.8
1842	26.5	36.2	29.9	30.3	40.1	32.7	34.8	46.3	38.0	41.2	53.5	44.1	47.9	61.7	51.7	58.3	71.8	62.1	68.1	81.1	69.6
1843	30.1	38.7	33.6	18.3	27.5	21.5	24.1	34.4	27.5	41.0	51.5	43.5	49.7	63.1	50.9	58.7	73.7	61.2	62.7	77.5	66.5
1844	16.9	24.5	19.7	22.9	34.6	27.2	32.6	41.6	34.8	43.3	60.1	47.6	52.9	66.9	55.8	59.0	74.2	61.0	63.0	77.4	65.5
1845	28.6	34.7	29.0	23.9	34.3	27.3	32.1	44.0	34.4	39.7	51.6	42.1	48.5	62.6	51.7	58.7	74.2	61.1	63.5	77.8	66.1
1846	23.6	31.9	26.5	17.6	27.2	20.3	30.2	42.6	34.1	39.1	55.8	44.0	48.0	61.0	50.7	55.2	69.6	57.0	62.5	75.6	64.2
1847	25.7	33.9	28.5	23.9	34.7	27.9	27.7	37.8	31.7	36.6	51.6	40.8	48.1	63.3	51.5	60.4	74.1	62.9	66.5	81.3	69.3
1848	28.7	36.9	31.4	22.7	33.2	26.2	29.1	40.6	33.3	40.7	56.3	43.3	53.5	67.0	56.1	59.9	75.1	63.4	64.6	79.0	66.9
1849	20.7	29.0	23.9	17.9	27.8	21.3	32.0	43.1	36.0	39.1	50.4	41.8	48.0	64.5	50.1	60.8	78.0	63.6	65.4	82.3	67.4
1850	26.1	35.5	29.8	27.4	38.2	30.8	29.8	39.6	32.6	38.0	51.6	39.6	47.7	60.0	49.3	60.7	78.3	62.6	66.7	81.6	68.8
1851	26.1	35.6	27.7	27.5	37.6	31.1	33.7	46.3	35.6	40.7	54.4	43.8	50.6	66.4	52.2	58.7	74.3	59.7	66.3	79.2	66.3
1852	20.5	29.0	22.3	24.0	34.6	27.2	29.7	41.3	33.3	37.2	49.0	39.3	51.9	67.0	52.5	63.1	77.5	62.5	67.0	83.7	66.6
1853	24.4	33.6	27.0	26.8	35.4	29.2	32.3	40.5	35.1	39.7	52.0	41.5	51.7	66.7	52.6	60.8	77.6	62.3	65.7	79.3	66.7
1854	23.1	31.2	24.8	21.4	30.4	24.9	28.1	40.1	31.1	38.0	51.3	39.5	53.0	66.3	53.8	61.0	75.1	61.5	67.8	81.4	69.4
1855	26.5	35.0	28.4	18.6	27.3	20.5	27.5	39.4	30.8	38.7	52.5	41.0	49.2	63.5	50.3	61.7	72.0	62.1	69.4	80.4	69.0
1856	14.4	24.6	16.9	19.2	28.9	20.0	23.1	34.7	25.5	41.4	56.7	41.7	48.3	62.2	50.0	62.6	76.5	64.1	66.7	81.1	68.4
1857	11.9	22.0	15.0	28.8	39.3	29.9	26.9	39.6	30.0	35.9	49.0	38.2	46.5	59.7	49.2	58.5	68.8	58.7	66.1	76.6	67.0
1858	29.4	38.3	31.7	20.1	30.3	23.1	27.5	40.3	30.6	40.5	54.7	43.4	49.6	60.7	49.8	62.5	76.2	64.5	65.3	77.5	66.7
1859	28.0	32.6	27.2	29.1	35.7	30.1	36.1	46.7	38.9	39.1	51.5	41.9	53.1	64.5	53.0	59.9	70.7	60.6	63.5	78.2	65.8
1860	26.8	36.0	28.6	24.2	33.9	28.1	33.4	46.5	37.3	39.5	52.8	42.2	50.2	62.5	51.8	. .	. .	. .	. .	. .	. .
MEANS	23.57	32.23	25.97	22.83	32.51	25.78	29.40	41.09	32.98	38.97	52.88	42.05	49.27	63.69	51.77	59.51	73.70	61.58	65.47	81.54	67.59
	27.26			27.04			34.49			44.97			54.91			64.93			71.53		

TABLE IV—Concluded.

MONTHLY AND ANNUAL MEAN TEMPERATURES AT THE THREE HOURS OF DAILY OBSERVATION, VIZ: SUNRISE, OR 6 A. M.; 1 OR 2 P. M.; AND 10 P. M.

YEARS.	AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.			FOR THE YEAR.		
	6 A. M.	1 to 2 P. M.	10 P. M.	6 A. M.	1 to 2 P. M.	10 P. M.	Sun-rise.	1 to 2 P. M.	10 P. M.	Sun-rise.	1 to 2 P. M.	10 P. M.	Sun-rise.	1 to 2 P. M.	10 P. M.	Sun-rise.	1 to 2 P. M.	10 P. M.
1831	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	14.4	22.7	17.5	. .	. .	. .
1832	63.2	76.1	65.9	54.8	68.0	58.0	45.8	58.8	49.6	37.2	46.4	38.8	28.2	34.5	30.2	42.70	53.82	45.16
1833	61.3	74.4	64.4	56.0	70.4	59.0	45.7	57.7	48.8	32.3	43.9	36.2	27.3	34.8	30.1	42.75	55.78	46.13
1834	63.6	77.3	66.9	57.8	70.4	60.1	42.0	55.8	48.1	33.1	43.5	36.4	24.6	32.1	25.9	42.58	54.87	46.26
1835	62.9	75.4	65.4	50.3	67.2	54.7	48.6	62.7	52.3	34.9	45.1	38.3	18.6	26.6	21.1	40.99	53.08	42.33
1836	59.8	73.4	62.7	55.9	67.6	59.0	38.4	53.2	42.0	30.4	41.9	34.1	24.0	34.2	26.6	39.53	51.77	42.61
1837	61.3	73.0	63.4	51.0	67.7	55.7	42.4	56.0	46.5	33.9	46.2	37.5	23.4	34.3	29.9	40.15	52.82	43.77
1838	65.2	79.8	68.1	58.0	68.9	59.0	42.5	55.2	44.9	31.0	41.2	33.5	22.0	31.8	24.4	41.92	54.53	44.07
1839	63.7	74.4	65.5	56.2	70.7	60.7	44.9	60.0	49.8	32.6	42.8	35.9	27.9	34.9	29.1	42.95	54.98	46.22
1840	65.7	78.1	69.1	53.1	68.2	56.9	46.2	58.3	49.4	35.1	44.6	37.8	22.9	33.4	26.9	43.30	55.46	46.45
1841	63.9	75.8	67.8	59.0	69.4	61.4	40.3	53.3	43.8	34.2	42.5	35.7	29.5	38.0	31.0	43.01	54.51	45.92
1842	64.6	74.4	60.6	54.4	68.2	57.5	44.2	60.0	48.8	34.6	44.4	36.7	27.2	32.2	28.1	44.34	55.83	47.15
1843	65.2	76.8	67 6	56.0	68.7	59.2	44.4	55.7	47.6	32.9	43.9	36.4	27.9	35.5	29.8	42.59	53.92	45.44
1844	62.1	76.9	65.2	53.8	68.5	57.0	45.5	56.2	48.4	35.9	43.7	38.3	29.3	37.0	32.0	43.03	55.20	46.04
1845	63.2	77.1	65.1	52.7	64.5	56.5	45.5	58.4	48.4	39.0	48.0	40.6	22.4	29.1	23.2	43.15	54.69	45.46
1846	66.6	79.4	67.9	60.5	74.5	63.5	43.8	58.1	49.0	41.5	49.7	42.9	26.1	33.8	29.5	42.89	54.93	45.80
1847	63.6	77.3	66.8	59.7	68.0	59.8	44.2	58.1	47.7	41.6	52.7	43.9	33.7	43.2	36.0	44.14	56.34	47.23
1848	74.8	82.8	71.0	53.5	68.4	57.1	46.0	58.6	49.2	33.9	44.3	35.3	34.0	41.8	36.0	45.12	57.00	47.43
1849	65.3	78.6	68.0	54.2	70:1	57.1	46.6	57.1	49.1	42.7	53.5	46.2	27.6	35.6	30.4	43.35	55.83	47.16
1850	61.7	76.8	65.0	55.4	69.3	57.5	47.2	61.4	50.0	39.2	50.4	40.9	25.5	34.3	28.2	43.78	56.42	47.93
1851	62.9	76.5	63.8	55.2	70.1	57.6	46.8	60.4	50.3	32.4	43.1	35.1	21.3	30.3	25.0	43.68	56.18	45.68
1852	61.5	75.3	62.9	57.5	70.8	59.5	47.7	59.5	50.1	36.4	44.3	38.1	34.5	42.8	36.1	44.25	56.23	46.70
1853	64.9	76.8	66.8	58.0	70.0	59.4	43.3	58.0	47.0	38.2	49.7	39.8	24.6	34.4	26.8	44.20	56.17	47.85
1854	63.1	77.3	65.5	57.4	69.4	57.4	47.6	60.8	50.4	36.9	47.0	38.3	23.0	31.8	24.8	43.37	55.01	45.12
1855	63.1	76.9	63.7	56.3	72.4	57.1	47.6	59.8	49.9	38.0	47.6	40.5	28.8	36.5	31.2	43.78	55.28	45.46
1856	64.0	76.3	69.2	56.7	73.4	59.6	44.3	59.3	46.9	34.9	45.7	37.7	21.9	30.0	24.5	41.46	54.12	43.71
1857	62.5	73.3	64.7	55.3	68.6	56.9	45.2	57.9	48.4	37.6	48.7	40.6	31.9	39.4	32.5	42.26	53.58	44.18
1858	62.2	73.1	64.0	56.6	70.6	59.3	49.0	61.9	51.6	34.3	41.7	35.7	28.3	36.4	31.5	43.78	55.14	45.99
1859	66.1	77.0	64.5	54.3	67.7	56.9	42.7	55.5	45.8	39.1	50.2	40.7	26.7	31.7	26.8	44.81	55.25	46.02
1860	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
MEANS	63.86	76.44	65.84	55.70	69.35	58.34	44.94	53.95	48.35	35.85	45.95	38.28	26.12	34.24	28.11	42.998	54.955	45.688
	68.71			61.13			49.08			40.03			29.49			47.880		

TABLE V.

MONTHLY AND ANNUAL MAXIMUM AND MINIMUM TEMPERATURES, AND RANGE.

YEARS.	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.		
	Max.	Min.	Range.	Max.	Min.	Range.	Max.	Min.	Range.	Max.	Min.	Range.	Max.	Min.	Range.	Max.	Min.	Range.	Max.	Min.	Range.
1831	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1832	54	—7	61	57	—1	58	59	12	47	77	20	57	82	36	46	88	45	43	89	51	38
1833	63	0	63	46	2	44	61	—4	65	82	26	56	87	38	49	83	46	37	91	56	35
1834	51	2	49	54	2	52	66	18	48	75	29	46	78	30	48	85	47	38	93	55	38
1835	53	—9	62	55	0	55	61	—2	63	70	21	49	86	36	50	80	45	35	88	50	38
1836	43	2	41	45	—6	51	49	10	39	68	20	48	81	34	47	84	37	47	89	52	37
1837	44	0	44	41	—4	45	51	4	47	71	27	44	80	28	52	82	45	37	88	57	31
1838	58	3	55	39	1	38	61	15	46	67	23	44	74	36	38	91	50	41	96	58	38
1839	53	—8	61	52	2	50	64	5	59	73	27	46	78	34	44	82	44	38	88	60	28
1840	40	—4	44	61	—5	66	68	8	60	75	28	47	88	36	52	85	45	40	90	58	32
1841	53	0	53	45	2	43	63	11	52	68	24	44	80	34	46	90	42	48	87	54	33
1842	52	3	49	58	9	49	68	15	53	80	23	57	76	36	40	83	43	40	90	58	32
1843	54	8	46	43	2	41	46	12	34	67	25	42	75	42	33	87	41	46	89	54	35
1844	46	—1	47	49	7	42	57	12	45	78	23	55	82	39	43	89	48	41	84	56	28
1845	50	7	43	53	2	51	70	15	55	72	30	42	89	37	52	90	50	40	89	49	40
1846	47	—1	48	44	—2	46	57	8	49	76	28	48	73	37	36	83	45	38	92	50	42
1847	50	7	43	51	6	45	52	17	35	82	15	67	76	35	41	90	49	41	93	52	41
1848	55	—4	59	47	2	45	64	8	56	69	28	41	88	42	46	91	44	47	90	55	35
1849	53	—4	57	45	—1	46	62	17	45	65	24	41	82	39	43	97	47	50	97	51	46
1850	51	9	42	52	0	52	58	11	47	69	25	44	76	39	37	93	45	48	92	54	38
1851	54	1	53	55	0	55	73	17	56	68	30	38	85	35	50	90	46	44	90	52	38
1852	44	—2	46	54	2	52	58	10	48	65	27	38	87	37	50	94½	50	44½	95	56	39
1853	53	6	47	58	7	51	62	10	52	67	32	35	87	38	49	94	46	48	88	58	30
1854	53	—6	59	49	1	48	68	13	55	68	22	46	80	31	49	88	46	42	94	51	43
1855	54	10	44	42	–15	57	57	13	44	76	18	58	78	35	43	95	48	47	95	60	35
1856	37	—8	45	41	—3	44	46	—2	48	78	22	56	91	36	55	95	48	47	92	57	35
1857	40	–14	54	68	—3	71	61	6	55	62	15	47	85	34½	50½	82	47	35	88	49	39
1858	57	6	51	47	3	44	60	2	58	69	30	39	75	41	34	91	49	42	93	57	46
1859	54	–11	65	51	14	37	60	13	47	69	29	40	80	42	38	88	46	42	90	53	37
1860	52	1	51	55	—1	56	71	20	51	68	22	46	76	39	37	..	..	..	..	..	..
Greatest	63	..	65	68	..	71	73	..	65	82	..	67	91	..	55	97	..	50	97	..	46
Least	..	—14	41	..	—15	37	..	—4	34	..	15	35	..	28	33	..	37	35	..	49	28
Means	..	..	51.1	..	..	49.4	..	..	50.3	..	..	46.9	..	..	44.8	..	..	42.3	..	..	36.7

TABLE V—Concluded.

MONTHLY AND ANNUAL MAXIMUM AND MINIMUM TEMPERATURES, AND RANGE.

YEARS.	AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.			FOR THE YEAR.		
	Max.	Min.	Range.	Max.	Min.	Range.	Max.	Min.	Range.	Max.	Min.	Range.	Max.	Min.	Range.	Max.	Min.	Range.
1831	..	..	..	..	..	..	..	..	..	..	..	..	35	—1	36	..	..	..
1832	84	46	38	80	42	38	73	28	45	66	18	48	51	11	40	89	—7	96
1833	86	45	41	86	40	46	73	25	48	66	14	52	43	12	31	91	—4	95
1834	87	54	33	86	33	53	81	26	55	59	20	39	55	—8	63	93	—8	101
1835	86	48	38	84	40	44	74	34	40	67	10	57	43	–12	55	88	—12	100
1836	82	50	32	84	34	50	74	22	52	57	14	43	57	0	57	89	—6	95
1837	86	49	37	82	39	43	74	23	51	69	11	58	50	4	46	88	—4	92
1838	94	49	45	80	44	36	73	28	45	63	4	59	47	8	39	96	1	95
1839	85	50	35	79	40	39	72	26	46	57	16	41	49	4	45	88	—8	96
1840	83	57	26	77	40	37	73	30	43	58	20	38	52	4	48	90	—5	95
1841	87	54	33	81	48	33	68	26	42	68	18	50	54	5	49	90	0	90
1842	82	52	30	83	38	45	72	32	40	60	18	42	46	7	39	90	3	87
1843	82	58	24	83	36	47	72	32	40	65	22	43	44	9	35	89	2	87
1844	84	53	31	80	33	47	68	33	35	61	15	46	56	12	44	89	—1	90
1845	85	47	38	76	39	37	72	26	46	65	15	50	49	7	42	90	2	88
1846	93	55	38	90	45	45	79	28	51	66	22	44	55	10	45	93	—2	95
1847	86	53	33	86	43	43	71	22	49	72	8	64	65	9	56	93	6	87
1848	87	62	25	83	34	49	75	33	42	58	13	45	62	10	52	91	—4	95
1849	84	56	28	83	46	36	67	32	35	67	27	40	55	7	48	97	—4	101
1850	86	49	37	83	39	44	72	29	43	64	24	40	52	7	45	93	0	93
1851	86	53	33	88	35	53	75	30	45	56	19	37	50	—1	51	90	—1	91
1852	86	55	31	83	39	44	73	30	43	63	20	43	63	10	53	95	—2	97
1853	90	52	38	85	35	50	68	32	36	70	15	55	48	4	44	90	4	86
1854	87	50	37	88	37	51	77	33	44	70	18	52	48	3	45	94	—6	100
1855	91	48	43	90	38	52	74	33	41	66	20	46	54	8	46	95	—15	110
1856	87	48	39	83	44	39	76	28	48	65	22	43	50	—5	55	95	—8	103
1857	86	54	32	84	36	48	72	29	43	70	16	54	54	9	45	88	—14	102
1858	80	49	31	85	39	46	82	33	49	63	21	42	58	12	46	93	2	91
1859	85	48	37	78	39	39	78	29	49	70	29	41	61	—2	63	90	—11	101
1860	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Greatest	94	..	45	90	..	53	82	..	55	72	..	64	65	..	63	97	..	110
Least	..	45	24	..	33	33	..	22	35	..	4	37	..	—12	31	..	—15	86
Means	..	..	34.4	..	..	44.1	..	..	44.5	..	..	46.9	..	..	47.0	..	..	94.9

TABLE VI.

SHOWING THE NUMBER OF DAYS IN EACH MONTH IN WHICH THE PREVAILING WINDS CAME FROM EACH OF THE FOUR QUARTERS OF THE HORIZON.

The figures 1, 2, 3, and 4, at the head of the monthly columns, indicate the quarters, as follows: 1, from some point between North and East; 2, between East and South; 3, between South and West; 4, between West and North.

YEARS.	JANUARY.				FEBRUARY.				MARCH.				APRIL.				MAY.				JUNE.				JULY.			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1831	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1832	2	3	9	16*	10	1	6	12	3	1	11	16	14	1	6	9	10	1	10	10	7	3	8	15	5	0	14	12
1833	5	0	13	12*	6	0	7	15	6	0	11	14	6	1	12	11	14	2	9	6	2	1	15	12	1	0	16	14
1834	8	1	8	14	7	1	10	10	4	1	14	12	11	1	14	4	9	3	12	7	5	4	15	6	4	2	19	6
1835	3	1	9	18	7	1	8	12	9	0	10	12	5	1	10	14	10	0	13	8	4	0	15	11	4	0	17	10
1836	11	0	7	13	8	2	4	15	8	0	12	11	7	1	12	10	12	1	11	7	17	5	6	2	9	3	14	5
1837	3	0	6	22	7	1	8	12	8	3	6	14	3	0	11	16	6	3	15	7	7	3	12	8	2	1	13	15
1838	8	0	13	10	4	0	3	21	13	5	5	8	4	6	8	12	6	6	15	4	5	4	15	6	3	4	12	12
1839	7	2	8	14	13	2	6	7	6	2	11	12	12	3	8	7	8	4	14	5	6	1	14	9	2	2	22	5
1840	4	1	9	17	7	1	9	12	5	4	10	12	3	2	15	9*	11	5	11	4	4	4	9	13	4	2	16	6*
1841	11	4	6	10	4	1	8	15	9	2	10	10	9	1	10	10	4	1	17	9	9	1	14	6	4	1	12	11
1842	1	2	18	10	4	3	10	11	7	1	12	11	13	1	6	10	7	5	12	7	3	4	15	8	3	1	21	4
1843	7	1	13	10	6	0	8	14	3	3	5	20	11	5	4	10	11	5	5	10	3	4	13	10	4	5	9	13
1844	1	3	6	21	6	1	9	13	12	2	11	6	13	3	7	7	5	9	10	7	3	3	16	8	9	2	14	4*
1845	6	2	5	18	3	4	8	13	5	5	9	12	9	6	6	9	6	3	15	7	3	1	17	9	4	1	14	12
1846	6	2	10	13	6	0	4	18	5	5	9	12	2	7	11	10	11	8	7	5	10	6	9	5	6	2	10	10*
1847	3	2	12	14	7	5	0	16	3	4	4	20	3	0	14	13	10	7	9	5	5	1	11	13	9	3	13	6
1848	7	1	10	13	3	0	3	23	6	1	9	15	5	1	7	17	8	8	8	5*	7	3	7	13	3	6	12	10
1849	1	0	9	21	14	0	1	13	12	4	5	10	3	6	6	15	11	3	11	6	8	5	8	9	8	3	10	10
1850	7	2	4	18	1	3	8	16	5	1	3	22	3	6	11	10	10	5	6	10	3	5	12	10	9	5	12	5
1851	5	0	13	13	2	3	9	14	5	1	12	13	9	7	5	9	8	2	14	7	8	5	7	10	6	2	14	9
1852	7	0	8	16	2	2	11	14	8	1	8	14	11	1	7	11	7	8	8	8	0	3	15	12	2	6	13	10
1853	7	2	8	14	4	8	3	13	3	2	9	17	5	6	12	7	8	3	14	6	7	5	14	4	2	1	17	11
1854	3	0	11	17	6	3	6	13	6	0	8	17	11	4	8	7	4	10	10	7	8	3	15	4	9	4	13	5
1855	10	1	9	10*	4	0	4	20	6	1	8	16	3	5	9	13	4	5	8	14	4	5	11	10	12	3	14	2
1856	5	0	4	22	1	0	7	21	3	3	6	19	8	4	13	5	10	4	7	10	5	6	11	8	4	1	13	11*
1857	7	2	5	17	4	3	11	10	3	6	8	14	7	2	10	11	7	3	16	4*	6	4	12	8	6	6	15	4
1858	4	2	10	15	5	0	6	17	2	2	8	19	5	1	9	15	14	2	7	8	11	3	13	3	6	3	14	8
1859	8	0	10	13	9	0	9	10	3	6	8	14	7	5	4	14	11	6	10	3*	4	0	19	7	4	6	11	10
1860	2	0	15	14	6	2	9	12	3	7	10	11	4	7	7	12	15	12	3	1	..	..	..	..	..	..	..	..
MEANS	5.5	1.1	9.1	15.0	5.6	1.6	6.7	14.2	5.9	2.5	8.7	13.9	7.4	3.2	9.0	10.6	9.1	4.6	10.8	6.8	5.9	3.3	12.3	8.4	5.2	2.7	14.0	8.6

* Days omitted.

TABLE VI—Concluded.

SHOWING THE NUMBER OF DAYS IN EACH MONTH IN WHICH THE PREVAILING WINDS CAME FROM EACH OF THE FOUR QUARTERS OF THE HORIZON.

The figures 1, 2, 3, and 4, at the head of the monthly columns, indicate the quarters, as follows: 1, from some point between North and East; 2, between East and South; 3, between South and West; 4, between North and West.

YEARS.	AUGUST.				SEPTEMBER.				OCTOBER.				NOVEMBER.				DECEMBER.				FOR THE YEAR.				Days omitted.
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
1831	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	0	3	18*	..	..	..	..	2
1832	3	0	18	10	2	1	18	9	6	1	13	11	3	0	16	11	10	0	7	13*	75	12	138	144	2
1833	4	0	15	12	4	0	14	12	6	2	14	9	3	1	13	13	13	1	8	9	70	8	147	139	1
1834	12	2	9	8	4	5	12	9	3	0	13	15	8	0	12	10	8	0	9	14	83	20	147	115	0
1835	3	2	15	11	4	3	11	12	2	1	21	7	4	0	11	15	5	1	8	17	60	10	148	147	0
1836	4	2	16	9	12	1	11	6	4	2	13	12	6	2	7	15	2	3	9	17	101	21	122	122	0
1837	7	2	12	10	8	2	11	9	7	2	10	11*	4	2	11	13	8	0	14	9	70	19	129	146	1
1838	5	1	14	11	10	0	8	12	3	1	10	17	2	1	10	17	1	1	15	14	64	29	128	144	0
1839	8	3	14	6	1	2	10	17	9	3	13	6	5	3	5	17	15	0	4	12	92	27	129	117	0
1840	2	1	20	8	4	2	10	14	7	3	14	7	13	2	3	12	6	2	8	15	70	29	134	129	4
1841	11	4	12	3*	11	4	13	2	7	1	9	14	10	1	4	15	4	2	8	17	93	23	123	122	4
1842	9	1	9	5	7	0	9	14	2	1	12	16	5	3	3	19	5	0	8	18	66	22	135	133	9
1843	4	8	14	5	12	2	8	8	5	2	8	16	4	2	6	18	7	1	8	15	77	38	101	149	0
1844	3	4	13	7*	11	3	7	8*	7	5	13	6	4	2	11	13	6	1	7	17	81	37	121	120	7
1845	2	3	7	6*	2	4	14	10*	5	4	13	9	2	1	18	9	7	0	4	20	54	34	130	134	13
1846	7	2	12	4*	6	2	14	8	7	4	12	8	16	3	3	8	2	1	9	19	84	42	110	120	9
1847	2	2	9	11*	13	1	6	10	8	1	9	13	3	2	13	12	4	2	11	14	70	30	111	147	7
1848	1	3	9	5*	6	2	6	16	7	2	8	14	3	1	8	18	9	5	5	12	65	39	92	161	9
1849	3	10	10	8	8	3	11	8	11	7	5	8	5	4	8	13	6	2	2	21	90	47	86	142	0
1850	7	4	12	8	6	6	7	11	0	2	16	13	8	4	8	10	8	0	7	16	67	43	106	149	0
1851	1	3	14	13	11	8	6	5	1	9	7	14	4	0	6	20	3	2	8	18	63	42	115	145	0
1852	6	5	11	6*	4	2	10	14	10	3	7	11	7	2	5	16	9	1	9	12	73	34	112	144	3
1853	7	2	17	2*	7	1	11	11	6	0	15	10	5	5	10	10	7	0	5	19	68	35	135	124	3
1854	2	1	16	8*	6	1	13	10*	7	5	10	9	3	2	10	13*	6	0	9	15*	71	33	129	125	7
1855	7	2	11	10*	8	0	6	16	2	5	12	12	11	0	6	13	6	1	8	16	77	28	106	152	2
1856	4	5	12	10	7	2	10	11	6	1	13	11	2	0	12	16	6	3	4	18	61	29	112	162	2
1857	3	5	8	12*	7	0	11	12	9	2	8	12	2	1	12	15	7	2	11	11	68	36	127	130	4
1858	12	1	11	5*	6	2	14	8	8	1	12	10	8	0	4	18	5	3	7	16	86	20	115	142	2
1859	5	5	9	10*	6	0	13	11	3	0	10	18	1	6	13	10	9	1	5	16	70	35	121	136	3
1860	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MEANS	5.1	2.9	12.1	7.9	6.9	2.0	10.5	10.5	5.4	2.4	11.4	11.0	5.4	1.8	8.9	13.9	6.6	1.2	7.6	15.4	74.0	29.4	121.6	137.2	2.9

* Days omitted.

TABLE VII.

MEAN FORCE OF THE WIND AT THE DIFFERENT HOURS OF OBSERVATION, AND FOR THE MONTH AND YEAR.

YEARS.	JANUARY.				FEBRUARY.				MARCH.				APRIL.				MAY.				JUNE.				JULY.			
	Sunrise.	1 or 2 P. M.	10 P. M.	Mean.	Sunrise.	1 or 2 P. M.	10 P. M.	Mean.	Sunrise.	1 or 2 P. M.	10 P. M.	Mean.	6 A. M.	1 or 2 P. M.	10 P. M.	Mean.	6 A. M.	1 or 2 P. M.	10 P. M.	Mean.	6 A. M.	1 or 2 P. M.	10 P. M.	Mean.	6 A. M.	1 or 2 P. M.	10 P. M.	Mean.
1843	..	..	..	..	1.4	1.7	1.4	1.5	2.2	2.7	2.5	2.5	1.6	1.9	1.6	1.7	1.6	1.7	1.2	1.5	1.7	2.1	1.3	1.7	1.6	2.1	1.2	1.6
1844	1.7	1.9	1.4	1.7	1.3	1.6	1.3	1.4	1.6	1.9	1.7	1.7	1.3	1.9	1.2	1.5	1.7	2.5	1.4	1.9	1.7	2.2	1.4	1.8	1.5	1.8	1.5	1.6
1845	1.5	1.7	1.8	1.7	1.6	1.6	1.4	1.5	1.5	2.3	1.5	1.8	1.7	2.2	1.7	1.9	1.9	2.5	2.0	2.1	1.5	2.2	1.6	1.8	1.5	2.1	1.5	1.7
1846	1.4	1.9	1.7	1.7	1.4	2.1	1.5	1.7	1.5	2.1	1.6	1.7	1.3	1.7	1.4	1.5	1.3	1.7	1.3	1.4	1.3	1.6	1.3	1.4	1.4	1.8	1.3	1.5
1847	1.4	1.6	1.6	1.5	1.3	1.6	1.4	1.4	1.5	1.9	1.5	1.6	1.3	2.1	1.6	1.7	1.4	1.7	1.4	1.5	1.2	1.7	1.2	1.4	1.4	1.9	1.4	1.6
1848	1.2	1.6	1.4	1.4	1.3	1.4	1.2	1.3	1.4	1.5	1.5	1.5	1.1	1.7	1.2	1.3	1.2	1.8	1.2	1.4	1.4	1.8	1.2	1.5	1.1	1.7	1.0	1.3
1849	1.4	1.7	1.5	1.5	1.5	1.6	1.6	1.6	1.5	2.2	1.5	1.7	1.4	1.6	1.3	1.4	1.3	1.6	1.5	1.5	1.3	2.0	1.3	1.5	2.2	2.5	1.4	2.0
1850	1.4	1.6	1.7	1.6	1.4	1.7	1.5	1.5	1.5	2.0	1.6	1.7	1.7	2.3	1.8	1.9	1.7	2.1	1.4	1.7	1.6	2.0	1.2	1.6	1.6	2.1	1.5	1.7
1851	1.6	2.0	1.7	1.8	1.5	2.0	1.7	1.7	1.8	2.1	2.0	2.0	1.9	2.3	1.7	2.0	1.9	2.1	1.7	1.9	1.8	2.4	1.9	2.0	1.8	2.0	1.4	1.7
1852	1.8	2.0	1.7	1.8	1.5	2.1	1.8	1.8	1.9	1.9	1.8	1.9	1.9	2.2	1.8	2.0	1.9	2.2	1.5	1.9	1.5	2.1	1.5	1.7	1.8	2.1	1.4	1.8
1853	1.7	1.9	2.0	1.9	1.7	2.3	1.6	1.9	1.9	2.3	1.7	2.0	1.6	2.0	1.6	1.7	1.8	2.3	1.5	1.9	1.8	2.3	1.5	1.9	1.4	1.8	1.4	1.5
1854	1.5	1.8	1.6	1.6	1.7	1.8	1.9	1.8	1.8	2.1	1.7	1.9	1.5	1.9	1.6	1.7	1.7	2.2	1.5	1.8	1.7	2.2	1.4	1.8	1.5	2.1	1.1	1.6
1855	1.7	1.9	1.5	1.7	1.8	1.9	1.6	1.8	1.7	2.1	1.5	1.8	1.4	2.2	1.5	1.7	1.6	2.2	1.7	1.8	1.6	2.0	1.5	1.7	1.2	1.7	1.2	1.4
1856	1.6	1.6	1.4	1.5	1.4	1.9	1.6	1.6	1.8	2.3	1.6	1.9	1.5	2.3	1.7	1.8	1.7	2.2	1.7	1.9	1.6	2.3	1.4	1.8	1.8	2.5	1.3	1.9
1857	1.8	2.1	2.0	2.0	1.5	2.1	1.7	1.8	1.7	2.1	1.7	1.8	1.8	2.5	1.9	2.1	1.7	2.1	1.6	1.8	1.5	2.2	1.2	1.6	1.5	2.3	1.3	1.7
1858	1.4	2.0	1.5	1.6	1.4	2.1	1.6	1.7	1.6	2.0	1.6	1.7	1.5	1.8	1.6	1.6	1.4	1.9	1.3	1.5	1.4	1.8	1.5	1.6	1.5	2.1	1.2	1.6
1859	1.4	1.7	1.5	1.5	1.5	1.6	1.5	1.5	1.7	2.2	1.8	1.9	1.4	2.2	1.6	1.7	1.4	2.3	1.3	1.7	1.6	2.4	1.4	1.8	1.4	2.0	1.1	1.5
1860	1.6	2.0	1.6	1.7	1.9	2.1	1.9	2.0	1.8	2.7	1.9	2.1	1.8	2.7	1.7	2.1	1.7	2.7	1.3	1.9	..	..	..	..	..	..	..	..
MEANS	1.54	1.82	1.62	1.66	1.51	1.84	1.57	1.64	1.69	2.13	1.71	1.84	1.54	2.08	1.64	1.74	1.61	2.10	1.47	1.73	1.54	2.08	1.40	1.68	1.54	2.04	1.31	1.63

YEARS.	AUGUST.				SEPTEMBER.				OCTOBER.				NOVEMBER.				DECEMBER.				FOR THE YEAR.			
	6 A. M.	1 or 2 P. M.	10 P. M.	Mean.	6 A. M.	1 or 2 P. M.	10 P. M.	Mean.	Sunrise.	1 or 2 P. M.	10 P. M.	Mean.	Sunrise.	1 or 2 P. M.	10 P. M.	Mean.	Sunrise.	1 or 2 P. M.	10 P. M.	Mean.	Sunrise or 6 A. M.	1 or 2 P. M.	10 P. M.	Mean.
1843	1.3	1.8	1.4	1.5	1.4	1.9	1.3	1.5	1.2	2.1	1.3	1.5	1.3	1.5	1.1	1.3	1.4	1.8	1.9	1.7	1.52	1.94	1.47	1.64
1844	1.8	2.1	1.4	1.8	1.7	2.2	1.6	1.8	1.6	2.0	1.3	1.6	1.5	1.7	1.6	1.6	1.5	1.8	1.6	1.6	1.58	1.97	1.45	1.67
1845	1.2	1.6	1.2	1.3	1.4	1.9	1.3	1.5	1.2	1.9	1.3	1.5	1.5	1.7	1.3	1.5	1.5	1.9	1.7	1.7	1.50	1.98	1.53	1.67
1846	1.2	1.5	1.1	1.3	1.2	1.9	1.3	1.5	1.4	1.7	1.5	1.5	1.4	1.9	1.8	1.7	1.3	1.6	1.6	1.5	1.34	1.79	1.45	1.53
1847	1.1	1.4	1.2	1.2	1.4	1.7	1.3	1.5	1.3	1.7	1.2	1.4	1.2	1.4	1.3	1.3	1.4	1.5	1.4	1.4	1.33	1.68	1.38	1.46
1848	1.1	1.6	1.0	1.2	1.1	1.7	1.1	1.3	1.2	1.2	1.0	1.1	1.2	1.3	1.1	1.2	1.1	1.2	1.2	1.2	1.20	1.54	1.18	1.31
1849	1.4	2.4	1.2	1.7	1.3	2.0	1.3	1.5	1.3	2.0	1.5	1.6	1.5	1.5	1.3	1.4	1.5	1.8	1.6	1.6	1.47	1.91	1.42	1.60
1850	1.7	2.3	1.5	1.8	1.1	1.9	1.4	1.5	1.6	1.6	1.3	1.5	1.5	1.7	1.5	1.6	1.6	1.7	1.7	1.7	1.53	1.92	1.51	1.65
1851	1.7	2.0	1.5	1.7	1.4	1.7	1.2	1.4	1.6	2.0	1.5	1.7	1.6	1.8	1.7	1.7	1.7	1.9	1.7	1.8	1.69	2.03	1.64	1.79
1852	1.3	1.9	1.2	1.5	1.5	1.8	1.3	1.5	1.6	2.1	1.6	1.8	1.8	2.0	1.8	1.9	1.8	1.8	1.7	1.8	1.69	2.02	1.59	1.77
1853	1.3	1.6	1.2	1.4	1.5	1.9	1.3	1.6	1.7	2.2	1.4	1.8	1.8	2.0	1.7	1.8	1.8	2.0	1.7	1.8	1.67	2.05	1.55	1.76
1854	1.4	1.8	1.2	1.5	1.5	1.9	1.3	1.6	1.5	2.1	1.4	1.7	1.5	1.7	1.3	1.5	1.5	1.9	1.5	1.6	1.57	1.96	1.46	1.66
1855	1.3	1.9	1.3	1.5	1.3	1.7	1.3	1.4	1.3	1.8	1.3	1.5	1.6	1.7	1.4	1.6	1.5	1.8	1.5	1.6	1.50	1.91	1.44	1.62
1856	1.5	2.0	1.3	1.6	1.3	2.0	1.4	1.6	1.4	1.9	1.4	1.6	1.4	1.9	1.5	1.6	1.9	2.2	2.0	2.0	1.58	2.09	1.53	1.73
1857	1.8	1.8	1.4	1.7	1.3	2.0	1.1	1.5	1.4	2.1	1.4	1.6	1.6	2.0	1.2	1.6	1.4	1.9	1.5	1.6	1.58	2.10	1.50	1.73
1858	1.2	1.9	1.1	1.4	1.4	1.8	1.1	1.4	1.3	2.0	1.4	1.6	1.7	2.1	1.5	1.8	1.2	1.9	1.4	1.5	1.43	1.97	1.41	1.60
1859	1.2	1.9	1.0	1.4	1.7	2.2	1.4	1.8	1.7	2.4	1.4	1.8	1.4	2.0	1.3	1.6	1.6	2.1	1.7	1.8	1.62	2.27	1.48	1.80
1860	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MEANS	1.38	1.85	1.25	1.50	1.38	1.89	1.29	1.52	1.43	1.93	1.36	1.58	1.50	1.76	1.44	1.57	1.51	1.81	1.61	1.64	1.52	1.95	1.59	1.64

TABLE VIII.

MEAN CLOUDINESS OF THE SKY AT THE DIFFERENT HOURS OF OBSERVATION, AND THE MEAN FOR THE MONTH AND YEAR.

YEARS.	JANUARY.				FEBRUARY.				MARCH.				APRIL.				MAY.				JUNE.				JULY.			
	Sunrise.	1 or 2 P. M.	10 P. M.	Mean.	Sunrise.	1 or 2 P. M.	10 P. M.	Mean.	Sunrise.	1 or 2 P. M.	10 P. M.	Mean.	6 A. M.	1 or 2 P. M.	10 P. M.	Mean.	6 A. M.	1 or 2 P. M.	10 P. M.	Mean.	6 A. M.	1 or 2 P. M.	10 P. M.	Mean.	6 A. M.	1 or 2 P. M.	10 P. M.	Mean.
1843	..	..	..	..	4.8	4.6	4.0	4.5	3.4	3.4	3.2	3.3	6.5	5.7	5.5	5.9	5.4	4.7	4.2	4.8	3.1	3.8	2.9	3.3	3.7	3.9	3.4	3.7
1844	3.6	2.9	3.4	3.3	3.5	4.3	3.1	3.6	6.1	5.8	6.0	6.0	4.2	4.0	4.3	4.2	4.9	5.0	5.2	5.0	3.6	3 8	3.6	3.7	5.2	5.3	4.8	5.1
1845	6.3	4.8	5.2	5.4	4.5	4.4	4.6	4.5	5.4	5.0	4.3	4.9	6.0	6.0	5.1	5.7	5.0	5.0	5.0	5.0	3.9	2.9	1.9	2.9	3.2	3.6	2.8	3.2
1846	4.8	4.7	5.0	4.8	5.3	4.1	6.0	5.1	4.5	4.5	4.2	4.4	3.5	3.5	3.5	3.5	6.6	6.6	7.1	6.8	5.6	4.8	5.0	5.1	6.4	5.1	4.2	5.2
1847	5.8	4.9	4.1	4.9	6.5	7.1	6.9	6.8	4.7	4.5	3.9	4.4	4.4	5.5	4.8	4.9	4.3	5.3	4.8	4.8	4.8	4.9	4.4	4.7	5.3	4.0	3.8	4.4
1848	5.4	4.9	5.4	5.2	3.8	3.6	2.8	3.4	3.9	4.1	3.5	3.8	4.1	3.6	2.8	3.5	6.4	6.1	5.9	6.1	4.4	5.4	4.0	4 6	4.9	5.5	4.7	5.0
1849	4.2	4.1	4.2	4.2	6.0	5.5	6.2	5.9	5.7	6.2	5.4	5.8	4.2	4.2	5.0	4.5	6.3	6.6	5.5	6.1	4.2	4.1	3.4	3.9	5.0	4.0	3.8	4.3
1850	5.5	5.8	4.6	5.3	3.8	4.0	3.1	3.6	5.0	5.0	3.7	4.6	4.3	5.5	3.9	4.6	5.1	7.6	5.4	6.0	4.7	4.1	3.2	4.0	5.4	5.5	4.9	5.3
1851	4.8	5.0	4.1	4.6	6.1	6.2	4.4	5.6	5.9	6.0	4.6	5.5	4.9	5.7	5.3	5.3	5.3	5.6	4.2	5.0	3.8	4 0	4.4	4.1	5.1	6.1	4.1	5.1
1852	6.4	6.4	4.7	5.8	4.6	4.5	4.4	4.5	5.5	6.1	6.3	6.0	5.4	6.1	6.2	5.9	5.2	4.1	4.1	4.5	4.2	4.5	3.6	4.1	4 3	3.4	3.5	3.7
1853	4.9	5.2	5.2	5.1	5.0	5.5	5.2	5.2	4.4	4.7	4.7	4.6	4.9	5.3	4.4	4.9	5.3	4.5	3.5	4.4	5.1	3.3	4.5	4.3	5.9	5.5	4.1	5.2
1854	5.5	5.7	5.1	5.4	5.8	5.8	5.0	5.5	3.2	5.1	5.0	4.4	5.7	6.2	5.7	5.9	6.4	5.2	5.0	5.5	5.9	5.7	4.9	5.5	5.5	4.3	4.1	4.6
1855	6.0	8.4	6.4	6.9	4.6	4.7	4.0	4.4	5.6	5.5	3.3	4.8	4.5	6.4	5.1	5.3	5.9	4.8	4.5	5.1	5.5	5.5	4.6	5.2	6.0	5.9	5.0	5.6
1856	4.0	5.0	3.3	4.1	3.9	5.2	5.0	4.7	3.3	3.2	4.3	3.6	4.0	5.2	5.4	4.9	5.2	6.2	5.1	5.5	5.7	4.3	4.2	4.7	4.2	4.1	3.1	3.8
1857	5.1	5.4	5.3	5.3	6,9	5.2	4.0	5.4	4.5	5.6	4.5	4.9	6.1	6.3	4.2	5.5	5.9	5.4	4.5	5.3	6.0	5.7	5.3	5.7	7.0	5.0	4.4	5.5
1858	4.4	5.2	4.0	4.5	3.5	4.2	4.3	4.0	3.4	4.0	3.6	3.7	4.7	5.3	5.1	5.0	6.0	6.0	5.3	5.8	5.2	4.5	4.6	4.8	6.2	5.4	5.0	5.5
1859	5.7	4.9	4.0	4.9	6.6	5.9	5.8	6.1	5.0	5.7	5.7	5.5	4.6	5.3	5.0	5.0	5.3	5.0	5.5	5.3	5.7	6.5	5.9	6.0	4.2	5.0	3.1	4.1
1860	4.5	4.9	4.0	4.5	5.8	6.4	5.7	6.0	4.7	5.1	3.0	4.2	5.3	5.8	5.2	5.4	5.7	5.4	4.8	5.3	..	..	..	..	..	..	..	..
MEANS	5.11	5.19	4.59	4.95	5.06	5.07	4.69	4.93	4.68	4.97	4.40	4.69	4.85	5.31	4.81	4.99	5.56	5.51	4.98	5.35	4.79	4.58	4.20	4.51	5.15	4.80	4.04	4.67

YEARS.	AUGUST.				SEPTEMBER.				OCTOBER.				NOVEMBER.				DECEMBER.				FOR THE YEAR.			
	6 A. M.	1 or 2 P. M.	10 P. M.	Mean.	6 A. M.	1 or 2 P. M.	10 P. M.	Mean.	Sunrise.	1 or 2 P. M.	10 P. M.	Mean.	Sunrise.	1 or 2 P. M.	10 P. M.	Mean.	Sunrise.	1 or 2 P. M.	10 P. M.	Mean.	Sunrise or 6 A. M.	1 or 2 P. M.	10 P. M.	Mean.
1843	6.8	5.7	4.1	5.5	4.6	3.1	3.5	3.7	5.1	5.1	3.7	4.6	2.8	4.9	4.6	4.1	5.1	5.0	6.8	5.8	4.66	4.54	4.17	4.46
1844	3.9	4.8	4.1	4.2	4.4	4.0	2.8	3.7	5.1	5.7	4.4	5.1	4.0	5.3	4.7	4.7	5.5	5.5	4.6	5.2	4.50	4.70	4.25	4.48
1845	3.9	3.6	1.7	3.1	3.1	3.7	3.9	3.6	4.5	5.0	3.8	4.4	4.8	5.2	4.8	4.9	4.9	5.7	5.6	5.4	4.63	4.58	4.06	4.42
1846	4.5	4.7	3.4	4.2	3.6	3.4	2.8	3.3	4.0	5.1	5.0	4.7	7.7	6.9	6.4	7.0	4.2	4.2	5.0	4.5	5.06	4.80	4.80	4.89
1847	5.7	3.6	3.2	4.2	6.4	5.9	5.1	5.8	3.7	3.9	3.3	3.6	6.3	5.8	5.7	5.9	6.2	6.3	6.9	6.5	5.34	5.14	4.74	5.07
1848	4.7	4.0	3.3	4.0	4.1	4.8	3.0	4.0	5.2	5.7	4.2	5.0	5.0	4.0	3.0	4.0	6.6	6.8	5.7	6.4	4.87	4.87	4.03	4.59
1849	5.4	4.4	3.7	4.5	3.1	3.5	2.7	3.1	6.2	7.0	5.6	6.2	4.5	5.7	4.9	5.0	5.0	5.2	4.9	5.0	4.98	5.04	4.61	4.88
1850	4.2	4.6	2.5	3.8	5.0	4.2	4.0	4.4	4.7	4.1	2.9	3.9	6.2	5.2	5.0	5.5	5.1	7.8	5.9	6.2	4.92	5.28	4.11	4.77
1851	4.7	5.1	3.5	4.4	4.2	4 0	4.0	4.1	4.7	4.6	3.7	4.3	4.4	5.6	5.0	5.0	4.7	4.7	4.5	4.6	4.88	5.22	4.32	4.81
1852	5.8	6.2	4.3	5.4	4.3	4.8	3.2	4.1	6.4	6.1	5.0	5.8	6.0	6.5	5.2	5.9	6.1	6.8	5.5	6.1	5.35	5.46	4.67	5.16
1853	5.3	5.1	5.3	5.2	5.8	4.9	4.3	5.0	3.5	4.2	3.5	3.7	5.9	5.8	6.1	5.9	5.6	5.6	4.7	5.3	5.13	4.97	4.62	4.91
1854	4.4	4.3	4.1	4.3	4.4	3.6	4.0	4.0	4.8	5.4	4.3	4.8	5.0	5.7	4.4	5.0	6.5	6.0	5.4	6.0	5.26	5.25	4.75	5.09
1855	3.2	4.6	3.0	3.6	4.5	4.3	2.9	3.9	5.3	4.9	5.3	5.2	5.9	6.4	5.4	5.9	4.9	5.0	4.2	4.7	5.16	5.53	4.48	5.06
1856	4.8	5.7	5.2	5.2	4.3	3.9	3.0	3.7	3 5	3.8	2.5	3.3	3.7	4.8	4.4	4.3	5.2	4.9	4.4	4.8	4.32	4.69	4.16	4.39
1857	5.1	6.7	3.1	5.0	4.2	3.9	2.9	3.7	5.2	5.7	4.4	5.1	3.8	4.6	4.6	4.3	5.1	6.0	3.5	4.9	5.41	5.46	4.23	5.03
1858	5.7	5.3	4.7	5.2	2.8	3.2	2.3	2.8	4.9	4.6	3.5	4.3	5.8	5.8	4.2	5.3	5.6	6.0	5.6	5.7	4.85	4.96	4.35	4.72
1859	5.5	3.9	3.4	4.3	5.3	5.3	4.9	5.2	4.5	4.6	3.7	4.3	5.3	4.8	4.4	4.8	6.2	6.1	5.4	5.9	5.33	5.25	4.73	5.12
1860	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MEANS	4.92	4.84	3.68	4.48	4.36	4.15	3.49	4.01	4.72	5.03	4.05	4.61	5.12	5.47	4.87	5.15	5.44	5.74	5.21	5.47	4.98	5.04	4.42	4.81

TABLE IX.

MONTHLY AND ANNUAL NUMBER OF DAYS IN WHICH THE WEATHER WAS CLEAR, VARIABLE OR CLOUDY, AND ON WHICH RAIN OR SNOW FELL.

YEARS.	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.		
	Clear.	Variable and Cloudy.	Rain or Snow.	Clear.	Variable and Cloudy.	Rain or Snow.	Clear.	Variable and Cloudy.	Rain or Snow.	Clear.	Variable and Cloudy.	Rain.	Clear.	Variable and Cloudy.	Rain.	Clear.	Variable and Cloudy.	Rain.	Clear.	Variable and Cloudy.	Rain.
1831	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.	. .	. .	. .	. .	. .	. .
1832	12	11	8	7	11	11	13	12	6	9	14	7	11	10	10	16	11	3	18	7	6
1833	19	7	5	8	7	3*	17	8	6	22	5	3	10	15	6	18	4	8	25	4	2
1834	19	5	7	15	10	3	21	5	5	14	9	7	14	11	6	14	7	9	21	8	2
1835	12	10	9	6	18	4	9	15	7	11	10	9	10	17	4	11	12	7	13	13	5
1836	9	12	10	12	8	9	19	7	5	15	12	3	17	10	4	12	10	8	17	7	7
1837	21	5	5	15	6	7	18	6	7	15	11	4	16	6	9	16	8	6	17	9	5
1838	12	15	4	19	4	5	14	11	6	16	8	6	17	7	7	21	8	1	21	9	1
1839	17	12	2	7	14	7	17	12	2	15	9	6	17	7	7	15	10	5	18	5	8
1840	13	12	6	11	13	5	11	10	10	12	12	6	20	3	8	12	7	11	13	6	9*
1841	10	11	10	16	8	4	17	5	9	7	5	18	10	8	13	15	7	8	16	2	10*
1842	11	12	8	12	5	11	8	15	8	13	8	9	11	7	13	8	13	9	13	9	7*
1843	10	12	9	8	6	14	13	11	7	10	11	9	7	20	4	13	8	9	14	8	9
1844	14	9	8	11	12	6	7	12	12	10	15	5	7	9	15	9	14	7	7	15	7*
1845	7	14	10	11	8	9	7	16	8	6	9	11*	13	12	6	10	11	9	12	13	6
1846	9	13	9	9	11	8	10	13	8	15	9	6	5	15	11	6	13	10*	4	13	11*
1847	9	13	9	4	16	8	12	9	10	7	14	9	12	13	6	8	7	15	10	15	6
1848	7	17	7	15	7	7	11	12	8	15	9	6	5	14	10*	10	14	6	9	17	5
1849	12	12	7	7	11	10	7	15	9	9	14	7	3	22	6	13	9	8	12	12	7
1850	9	10	12	14	7	7	12	9	10	12	9	9	5	8	18	7	14	9	8	10	13
1851	6	19	6	9	9	10	7	15	9	9	8	13	7	10	14	10	11	9	5	10	16
1852	7	11	13	8	11	10	7	11	13	6	11	13	12	11	8	8	12	10	13	12	6
1853	7	15	9	10	8	10	7	14	10	9	8	13	9	14	8	8	13	9	8	13	10
1854	8	13	10	6	11	11	10	11	10	7	11	12	7	13	11	4	19	7	9	14	8
1855	7	12	11*	13	7	8	7	17	7	8	8	14	11	10	10	7	7	16	8	9	14
1856	12	11	8	8	13	8	11	12	7*	9	12	9	6	11	14	8	13	9	10	9	12
1857	9	7	15	4	14	10	10	10	11	8	10	12	8	8	14*	9	11	10	5	18	8
1858	14	10	7	11	9	8	13	11	6*	8	12	10	7	10	14	6	16	8	7	17	7
1859	10	11	10	6	12	10	7	11	13	8	14	8	12	9	10	6	10	14	10	15	6
1860	12	11	8	6	14	9	12	10	9	6	11	13	7	16	8	. .	. .	. .	. .	. .	. .
MEANS	11.17	11.45	8.34	9.93	10.00	8.00	11.52	11.19	7.07	10.72	9.93	8.86	10.21	11.24	8.45	10.69	10.69	8.59	12.25	11.08	7.90

NOTE.—In this table, those days only are reckoned as "Clear" in which there were but few clouds. In general, if more than one-sixth of the sky, on the average, was covered with clouds, the day is not reckoned as clear.

* Days omitted.

TABLE IX—Concluded.

MONTHLY AND ANNUAL NUMBER OF DAYS IN WHICH THE WEATHER WAS CLEAR, VARIABLE OR CLOUDY, AND ON WHICH RAIN OR SNOW FELL.

YEARS.	AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.			FOR THE YEAR.			DAYS OMITTED.
	Clear.	Variable and Cloudy.	Rain.	Clear.	Variable and Cloudy.	Rain.	Clear.	Variable and Cloudy.	Rain.	Clear.	Variable and Cloudy.	Rain or Snow.	Clear.	Variable and Cloudy.	Rain or Snow.	Clear.	Variable and Cloudy.	Rain or Snow.	
1831	..	..	..	..	..	..	..	..	..	..	..	..	13	10	8	..	..	..	..
1832	16	3	12	21	3	6	16	12	3	18	7	5	11	12	8	168	113	85	0
1833	16	10	5	16	8	6	14	10	7	14	11	5	11	13	7	190	102	63	10
1834	21	7	3	18	6	6	15	11	5	14	11	5	8	15	8	194	105	66	0
1835	17	9	5	13	12	3*	12	16	3	6	19	5	12	16	3	132	167	64	2
1836	20	6	5	14	11	5	18	10	3	12	12	6	17	10	4	182	115	69	0
1837	15	11	5	19	10	1	19	9	2*	21	4	5	16	13	2	208	98	58	1
1838	15	9	7	17	6	7	17	6	8	18	6	6	20	8	3	207	97	61	0
1839	14	13	4	15	13	2	20	7	4	13	12	5	15	10	6	183	124	58	0
1840	10	13	8	17	5	8	13	10	8	9	12	9	19	5	7	160	108	95	3
1841	10	10	10*	10	14	6	13	11	7	11	9	10	10	10	11	145	100	116	4
1842	8	8	8*	10	12	8	20	7	4	14	9	7	7	13	11	135	118	103	9
1843	9	11	11	12	15	3	10	15	6	12	11	7	6	17	8	124	145	96	0
1844	7	13	7*	10	12	7*	8	15	8	10	11	9	9	12	10	109	149	101	7
1845	6	7	5*	12	10	8	10	15	6	7	15	8	11	13	7	112	143	93	17
1846	10	6	9*	11	13	6	8	15	8	4	18	8	10	11	10	101	150	104	10
1847	8	6	10*	9	13	8	13	12	6	6	21	3	5	14	12	103	153	102	7
1848	6	7	5*	9	15	6	10	11	10	12	11	7	7	10	14	116	144	91	15
1849	10	13	8	13	7	10	6	16	9	12	12	6	8	8	15	112	151	102	0
1850	11	8	12	12	10	8	10	15	6	8	18	4	5	12	14	113	130	122	0
1851	12	10	9	12	8	10	11	13	7	8	16	6	11	12	8	107	141	117	0
1852	6	10	12*	13	12	5	10	13	8	8	14	8	4	13	14	102	141	120	3
1853	6	12	12*	11	12	6*	15	9	7	7	17	6	10	13	8	107	148	108	2
1854	8	14	5*	10	10	9*	12	10	9	8	6	14*	6	12	12*	95	144	118	8
1855	12	10	8*	9	16	5	9	13	9	7	15	8	10	11	10	108	135	120	2
1856	6	13	12	11	12	7	15	12	4	9	11	10	11	12	8	116	141	108	1
1857	8	12	9*	15	9	6	9	13	9	8	15	7	10	9	12	103	136	123	3
1858	8	7	13*	16	9	5	10	13	8	9	10	11	7	10	14	116	135	110	4
1859	9	12	8*	9	9	12	10	16	5	5	16	9	5	16	10	97	151	115	2
1860	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MEANS	11.19	10.00	9.41	13.44	10.82	6.63	13.04	12.39	6.63	10.71	12.91	7.27	10.18	12.13	9.43	133.75	131.57	96.00	3.93

* Days omitted.

TABLE X.

MONTHLY AND ANNUAL QUANTITY OF RAIN AND SNOW (REDUCED TO WATER) IN INCHES.

YEARS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.	FOR THE YEAR.
1831	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1.95	. .
1832	3.87	4.25	3.20	3.33	4.14	0.33	1.82	3.92	3.50	2.01	3.46	5.63	39.46
1833	1.71	1.55	1.97	3.17	0.99	4.81	1.11	2.15	1.53	5.98	4.50	4.67	34.14
1834	1.57	1.13	1.43	3.13	5.61	5.10	7.58	1.15	3.81	4.64	3.80	2.97	41.92
1835	3.50	1.20	4.60	4.06	1.50	1 95	2.84	2.25	0.83	3.26	1.72	3.25	30.96
1836	5.63	3.45	5.00	2.30	2.51	3.25	1.53	0.72	1.03	2.35	5.25	4.85	37.87
1837	1.40	2.65	3.17	4.65	7.28	2.82	1.38	2.00	0.48	1.29	1.95	2.55	31.62
1838	2.70	2.32	2.70	2.70	3.88	3.30	0.63	3.55	6.76	4.61	3.65	1.08	37.88
1839	0.76	1.50	1.50	3.63	3.79	2.31	5.26	5.00	1.83	3.75	2.30	5.12	36.75
1840	2.80	2.05	3.50	3.45	3.35	2.89	3.38	3.20	2.95	5.17	5.35	3.10	41.19
1841	6.45	1.50	2.86	7.78	2.18	0.98	5.13	5.12	2.35	3.20	4.45	5.86	47.86
1842	1.30	4.05	2.07	2.10	3.40	9.65	1.48	3.35	1.40	1.16	3.82	3.93	37.71
1843	0.60	5.27	5.58	4.34	3.50	2.12	1.83	6.23	2.20	6.45	1.35	3.03	42.50
1844	4.32	1.95	4.75	0.67	1.95	1.15	4.42	1.11	2.83	5.80	3.30	2.75	35.00
1845	3.20	2.70	3.53	2.34	2.75	2.32	3.10	5.63	1.63	3.40	9.08	3.48	43.16
1846	1.82	2.08	2.86	1.75	4.58	1.30	1.44	2.73	2.33	1.85	4.62	3.15	30.51
1847	2.13	2.71	3.17	1.72	2.02	6.98	2.28	5.50	8.35	1.95	5.72	5.97	48.50
1848	4.82	3.80	2.40	0.95	5.00	3.80	1.85	3.73	2.45	4.05	3.80	3.83	40.48
1849	0.80	0.60	5.99	1.62	3.43	1.23	2.00	3.39	3.14	6.55	2.42	3.52	34.79
1850	5.60	3.38	5.19	4.67	5.00	2.60	2.35	7.65	5.00	2.10	2.10	5.85	51.49
1851	1.93	3.87	2.00	7.80	3.58	1.90	5.19	3.77	2.47	3.20	5.05	2.62	43.38
1852	2.70	2.00	3.55	6.65	2.00	1.00	1.68	8.00	1.40	1.30	4.60	3.70	38.58
1853	4.27	5.75	1.35	5.05	4.95	0.90	6.37	8.38	3.80	4.15	4.40	3.90	53.27
1854	1.80	4.85	2.85	6.30	3.60	3.60	2.45	0.30	6.10	1.90	9.15	3.35	37.10
1855	6.45	4.05	0.85	2.50	2.55	1.95	3.25	2.02	0.25	5.33	3.75	6.10	39.05
1856	5.25	0.80	1.55	2.80	4.10	2.47	4.20	5.75	5.10	1.15	2.00	5.80	40.97
1857	5.50	2.36	3.35	6.29	4.33	1.90	3.45	4.80	2.27	2.90	2.40	5.20	44.75
1858	3.33	2.80	2.05	3.63	2.35	5.55	4.90	8.20	3.05	2.80	2.40	3.45	44.51
1859	5.75	1.85	8.00	2.28	3.40	7.06	1.14	3.69	3.65	2.62	2.27	3.45	45.16
1860	0.80	3.54	1.80	1.55	1.65	. .	. .	. .	. .	. .	. .	. .	. .
MEANS	3.19	2.76	3.20	3.56	3.42	3.02	3.01	4.05	3.02	3.38	3.92	3.90	40.38

Bögl

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MDZ Münchener DigitalisierungsZentrum Digitale Bibliothek

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Meteorological observations made at Providence, R. I. extending over a period of 28 1/2 years, from December 1831 to May 1860 Smithsonian Contributions to Knowledge

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